DOCUMENT RESUME

ED 362 136 HE 026 744

TITLE	Facilities Inventory and Utilization Study, Fall of 1992: For the State of North Carolina. Twenty-Sixth Edition.
INSTITUTION	North Carolina Univ., Chapel Hill. Commission on Higher Education Facilities.
PUB DATE	Sep 93
NOTE	205p.
AVAILABLE FROM	State Commission on Higher Education Facilities, The University of North Carolina-General Administration, 910 Raleigh Road, P.O. Box 2688, Chapel Hill, NC 27515-2688 (free).
PUB TYPE	Statistical Data (110) -- Reports - General (140)
EDRS PRICE	MF01/PC09 Plus Postage.
DESCRIPTORS	Accessibility (for Disabled); College Buildings; Community Colleges; *Educational Facilities; Facility Case Studies; Facility Inventory; Facility Utilization Research; *Higher Education; Physical Disabilities; Private Colleges; Public Colleges; State Surveys; *Use Studies
IDENTIFIERS	*North Carolina

ABSTRACT

This publication presents the results of the twenty-sixth annual inventory and utilization study of the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1992 fall term. The study provides data for 113 institutions, including the public institutions which comprise the University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions of the Community College System. The report gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past 5 years. Statistics for private institutions are shown by group rather than institution. The study is divided into four sections. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section on interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. The section on building characteristics contains data on building age, condition, and replacement cost. The final section describes accessibility to persons in wheelchairs. An institutional index and subject index are included. (GLR)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED 362 136

STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1992

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☑ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
N.C. Commission on Higher Education Facilities
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

HE026 744

Edwin Allman Center, Forsyth Technical Community College

BEST COPY AVAILABLE

The *Facilities Inventory and Utilization Study* is published annually by:

State Commission on Higher Education Facilities
The University of North Carolina-General Administration
910 Raleigh Road
P.O. Box 2688
Chapel Hill, North Carolina 27515-2688

Five hundred and fifty copies of this public document were printed at a cost of $6,600.00 or $12.00 per copy

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1992

For
THE STATE OF NORTH CAROLINA

TWENTY-SIXTH EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1993

The Edwin C. Allman, Jr. Center

Forsyth Technical Community College

(Cover Photo)

Forsyth Technical Community College's newest facility is the C. Edwin Allman, Jr. Center, completed in February of 1992. Landscaping for the four-story, $5 million building was designed and completed by the College's Horticulture students and faculty.

The Allman Center is FTCC's tallest building and is situated in the middle of the campus, thereby drawing visitors' attention to the site as the place to obtain information. The new center also functionally replaces numerous offices which had been spread out over the campus, thus allowing for better groupings of curricula of the institution and a freeing up of other areas for additional classroom space. Today the new facility houses Student Services areas, a new Individualized Learning Center, 20 classrooms, three laboratories, instructors' offices, a computer center for administrative and academic services, economic development seminar rooms, administrative offices, and a new board room.

Designed by the architectural firm of Hines-Eusoy of Winston-Salem, the 73,241-square foot facility was originally known as the Signature Building. After consideration by the Board of Trustees, with input from faculty, employees, students, and community leaders, the new building was named after C. Edwin Allman, Jr. Mr. Allman was a Board Member, Board Chairman, and Board Attorney who devoted his life to the improvement of educational opportunities in North Carolina's higher education institutions. The building was officially dedicated on April 23, 1992.

The University of North Carolina

Samuel H. Poole, Chairman
Board of Governors

C. D. Spangler, Jr.
President

Jasper D. Memory
Vice President for Research

North Carolina State Commission on Higher Education Facilities

Honorable Sneed High, Chairman
Fayetteville

Mrs. Earl W. Brian
Raleigh

William A. Dees, Jr.
Goldsboro

Joseph W. Grier, Jr.
Charlotte

R. Barton Hayes
Hudson

John R. Jordan
Raleigh

A. E. Spears
Charlotte

Director

Charles L. Wheeler

General Advisory Committee

J. E. Danieley
Elon College

William C. Friday
President Emeritus
University of North Carolina

Bruce E. Whitaker
President Emeritus
Chowan College

Kenneth R. Williams
Chancellor Emeritus
Winston-Salem State University

Facilities Advisory Committee

Silas Vaughn, Chairman
Past President
Montreat-Anderson College
Montreat

W. Archie Blount
Director Emeritus of Institutional Research and Development
North Carolina A & T State University

Gerald B. James
Past President
Rockingham Community College
Wentworth

L. Felix Joyner
Vice President - Finance
University of North Carolina
Chapel Hill

Ned R. Trivette
Past Vice Chancellor for Business Affairs
Appalachian State University
Boone

James A. Ward
University Architect Emeritus
Duke University
Durham

Facilities Technical Committee

Philip Albano
Arthur Hohnsbehn
Department of Community Colleges

Karen Copeland
UNC at Chapel Hill

Myron Dunston
N. C. Central University

Sheri Green
N. C. State University

Thomas H. Heath
Carolina Population Center

Emily Herman
UNC at Greensboro

Jeffrey Hill
David McFadden
Higher Education Facilities

Susan Hunter
Wake Forest University

John Kelton
Davidson College

Robert Ussery
N. C. A&T State University

Project Staff

Jeff Hill

Dave McFadden

Mary Jones

Marjorie Vanhooke

Participating Institutions

THE UNIVERSITY OF NORTH CAROLINA

C. D. Spangler, Jr., President

Research Universities I	Chancellor	Project Officer
N. C. State University	Larry K. Monteith	Sheri Green Facil. Resource Spec.
UNC at Chapel Hill	Paul Hardin	Karen Copeland Facil. Plan'ng & Design

Doctoral Universities I	Chancellor	Project Officer
UNC at Greensboro	William E. Moran	Emily Herman Asst. to VC Admin. & Plan'ng

Comprehensive I Universities	Chancellor	Project Officer
Appalachian State Univ.	John E. Thomas	Patricia M. Logan Adm. Asst., Bus. Affairs
East Carolina Univ.	Richard R. Eakin	Sherry Pernell Risk Mgt/Fixed Assets Coord.
Fayetteville State Univ.	Lloyd V. Hackley	Brenda Freeman Coord. Inst. Res.
N. C. A & T State Univ.	Edward B. Fort	Robert Ussery Coord. Univ. Planning
N. C. Central	Julius L. Chambers	Myron Dunston Dir. Inst. Studies
UNC at Charlotte	James H. Woodward	Wanda B. Fisher Dir. Inst. Research
UNC at Wilmington	James R. Leutze	Robert E. Fry Dir. Inst. Research
Western Carolina Univ.	Myron L. Coulter	Cecil Brooks Assoc. Dir. Inst. Studies

Comprehensive II and Liberal Arts I Universities	Chancellor	Project Officer
Elizabeth City State Univ.	Jimmy R. Jenkins	Robert Hutchins Bldg. Systems Engineer
Pembroke State Univ.	Joseph B. Oxendine	Lisa Oxendine Computer Systems Coord.
UNC at Asheville	Samuel Schuman	Ken Wilson Social Res. Assoc.
Winston-Salem State Univ.	Cleon F. Thompson, Jr.	Deborea Winfrey Dir. Inst. Effectiveness

Specialized Institution	Chancellor	Project Officer
N. C. School of the Arts	Alexander C. Ewing	Bill Parrish Physical Plant Dir.

Teaching Hospitals	Executive Director	Project Officer
UNC Hospitals at Chapel Hill	Eric B. Munson	Susan Farrington Accounting Specialist

NORTH CAROLINA DEPARTMENT OF COMMUNITY COLLEGES

Robert W. Scott, State President

Community Colleges	President	Project Officer
Alamance CC	W. Ronald McCarter	Terry McNeil Assoc. to the Dean
Anson CC	Donald P. Altieri	Anna Baucom MIS, Inst. Research
Asheville-Buncombe TCC	K. Ray Bailey	Mary Alice Church-Steurer Dir. Business Services
Beaufort County CC	U. Ronald Champion	Janice F. Daughtry Business Manager
Bladen CC	Lynn G. King	Julius Avant Business Manager
Blue Ridge CC	David W. Sink	Elaine Thompson Inst. Effectiveness Officer
Brunswick CC	W. Michael Reaves	Pat Thompson Equipment Coordinator
Caldwell CC & TI	Eric B. McKeithan	Alice Whisnant Business Manager
Cape Fear CC	Richard C. Conrath	Alice M. Mumaw V.P. Instruction & Stu. Dev.
Carteret CC	Donald W. Bryant	Keith E. Fowler Asst. Business Manager
Catawba Valley CC	Cuylar Dunbar	Ray Lane Dir. Fiscal Affairs
Central Carolina CC	Marvin R. Joyner	John R. Dalrymple Business Manager
Central Piedmont CC	Paul A. Zeiss	Phillip Harrison Asst. Plant Mgr.
Cleveland CC	L. Steve Thornburg	James E. Greene V. P. of Bus. Affairs
Coastal Carolina CC	Ronald K. Lingle	James W. Owens V. P. for Business Svcs.
College of the Albemarle	Larry Donnithorne	Barry Hartis Dean Admin. Services
Craven CC	Lewis S. Redd	Jeannie L. Castano Dir. Admin. & Computer Svcs.
Davidson County CC	J. Bryan Brooks	William E. Inabinett Business Manager
Durham TCC	Phail Wynn, Jr.	Claudia H. Hughes Eval. & Res. Svc. Spec.
Edgecombe CC	Charles B. McIntyre	Robert Brock V. P. Policy & Planning
Fayetteville TCC	Craig Allen	Sanford Cain Dir. Facility Plan. & Svc.

Forsyth TCC	Bob H. Greene	Jerry D. Rogers Dir. Aux. & Plant Svcs.
Gaston College	W. Wayne Scott	Paul R. Berrier Vice President
Guilford TCC	Donald W. Cameron	Kenneth Busick Supt. of Facilities
Halifax CC	Elton L. Newbern, Jr.	Ralph Reynolds Business Manager
Haywood CC	Dan W. Moore	R. Wayne Hawkins Dean of Fiscal Affairs
Isothermal CC	Willard L. Lewis, III	Dillard Morrow Vice President
James Sprunt CC	Donald L. Reichard	Ken Ritt Business Manager
Johnston CC	John L. Tart	Marian Mullen Bookkeeper
Lenoir CC	Lonnie H. Blizzard	Jim Thomas Inst. Effectiveness
Martin CC	Martin Nadelman	Harriett Weaver Equip. Coordinator
Mayland CC	Virginia Ann Foxx	Paul Rash Coord. Aux. Services
McDowell TCC	Robert M. Boggs	W. Ray McKesson Dean Fiscal Affairs
Mitchell CC	Douglas Eason	Larry Williams V.P. Fin. & Admin.
Montgomery CC	Theodore H. Gasper, Jr.	Barney Greene Purchasing Agent
Nash CC	J. Reid Parrott, Jr.	Tony Jernigan Business Manager
Pamlico CC	E. Douglas Kearney, Jr.	Gary B. Collier Business Manager
Piedmont CC	H. James Owen	Andrew W. Kleitsch V. P. Admin. Affairs
Pitt CC	Charles E. Russell	Edgar Boyd Executive V. P.
Randolph CC	Larry K. Linker	Ron Jones Dean Admin. Services
Richmond CC	Joseph W. Grimsley	Gilbert M. Montgomery Dean Even. Programs
Roanoke-Chowan CC	Harold E. Mitchell	Gerald K. Harrell Systems Administrator
Robeson CC	Fred G. Williams, Jr.	Ronnie Locklear Systems Administrator
Rockingham CC	N. Jerry Owens	Doris R. Garrett Mgr., Business Services
Rowan-Cabarrus CC	Richard L. Brownell	Mark Pullium Dir. Bus. Services
Sampson CC	Clifton W. Paderick	William J. Starling Dean Admin. Services
Sandhills CC	John R. Dempsey	Larry Allen Dir. Plan'ng & Inst. Res.

Southeastern CC	Stephen C. Scott	Leon Fox Dean Operations & Fin.
Southwestern CC	Barry Russell	George T. Stanley Dean Business Service
Stanly CC	Jan J. Crawford	Donnie N. Lowder V. P. Fiscal & Adm. Affairs
Surry CC	Swanson Richards	Wayne Motsinger Business Manager
Tri-County CC	Harry Jarrett	David Jones Dean Admin. Services
Vance-Granville CC	Ben F. Currin	David W. Spence Bookstore Manager
Wake TCC	Bruce I. Howell	James A. Cox V. P. Admin. Services
Wayne CC	Edward H. Wilson, Jr.	Bill Thompson Dir. Planning & Res.
Western Piedmont CC	James A. Richardson	Jean Williams Dir. Facilities Svcs.
Wilkes CC	James R. Randolph	Frank A. Shuford Asst. to V.P. Admin. Svcs.
Wilson TCC	Frank L. Eagles	Herman Kight Dean Fiscal Affairs

PRIVATE INSTITUTIONS

Major Research Universities	President	Project Officer
Duke University	Nannerl O. Keohane	Pakis Bessias Plant Accounting John Rider Acad. Fac. Officer
Wake Forest University	Thomas K. Hearn, Jr.	Susan H. Hunter Asst. Dir. Inst. Research
Bowman Gray Sch. of Med. Wake Forest Univ.	Richard Janeway	Bill R. Hickman Facilities Planner

Gen. Baccalaureate Colleges	President	Project Officer
Barber-Scotia College	Joel Nwagbaraocha	David Steele Dir. Physical Plant
Barton College	James B. Hemby	Gordon Joyner V. P. Bus. & Finance
Belmont Abbey College	Joseph S. Brosnan	Michael Buttner Registrar
Bennett College	Gloria R. Scott	Andrena L. Coleman Dir. Inst. Res. & Plan'ng
Campbell University	Norman A. Wiggins	James C. Kinard Dir. Physical Plant
Catawba College	Fred J. Corriher, Jr.	Larry A. Loftin Dir. Plant Operations
Chowan College	Jerry F. Jackson	John D. Nesbitt V.P. Financial Affairs

Davidson College	John W. Kuykendall	John Kelton Exec. Asst. to President
Elon College	J. Fred Young	Andy Carroll Supv. Custodial Svcs.
Gardner-Webb University	M. Christopher White	Larry Costine Dir. Physical Plant
Greensboro College	Craven E. Williams	Margaret Reshef Dir. Physical Plant
Guilford College	William R. Rogers	Arthur Kopcsak Chief Engineer
High Point University	Jacob C. Martinson, Jr.	David Holt Registrar
Johnson C. Smith Univ.	Robert Albright	Mary Bailey Sec. to V.P. Acad. Affairs
Lees-McRae College	S. David Frazier Interim	Carolyn Ward Secy to V. P. Bus. Affairs
Lenoir-Rhyne College	John E. Trainer, Jr.	Jeff L. Norris V. P. Research & Plan'ng
Livingstone College	Bernard W. Franklin	Wendy Jackson Registrar
Mars Hill College	Fred B. Bentley	Larry N. Stern Dir. Inst. Research
Meredith College	John E. Weems	Charles E. Taylor, Jr. V. P. Bus. & Finance
Methodist College	M. Elton Hendricks	Gene Clayton Business Manager
Montreat-Anderson College	William W. Hurt	Walter Hall Comptroller
Mount Olive College	W. Burkette Raper	R. Clayton Everett V. P. for Finance
N. C. Wesleyan College	Leslie H. Garner, Jr.	Belinda Faulkner V. P. for Finance
Pfeiffer College	Zane E. Eargle	Dirk Wilmoth V. P. Financial Affairs
Piedmont Bible College	Howard L. Wilburn	Donald R. Suttles V. P. of Administration
Queens College	Billy O. Wireman	Tim Eastep Physical Plant Dir.
St. Andrews Presby. College	Thomas L. Reuschling	Kay Cavendish Staff Accountant
St. Augustine's College	Prezell R. Robinson	J. Mills Holloway V. P. Fin. Affairs
Salem College	Julianne Still Thrift	Thomas N. Macon, Jr. Chief Bus. Officer
Shaw University	Talbert O. Shaw	Mack Sowell Dir. Physical Plant
Warren Wilson College	Douglas Orr	Christa Bridgeman Registrar
Wingate College	Jerry E. McGee	Barbara Cox Registrar

Junior Colleges	President	Project Officer
Brevard College	Thomas J. Bertrand	Dale O. Weiner Dir. Fin. Affairs
Louisburg College	Robert L. May	Robin G. Roper Asst. Academic Dean
Peace College	Garrett Briggs	Dan J. Beakey V.P. Bus. & Finance
St. Mary's College	Clauston L. Jenkins, Jr.	Juanita Heiser Dir. Admin. Services

Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the twenty-sixth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1992 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1992 comprehensive planning studies.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for their cooperation and contributions: Sheri Green of N. C. State University, Thomas Heath of the Carolina Population Center, Emily Herman of the University of North Carolina at Greensboro, and Robert Ussery of N. C. A&T State University. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

Charles L. Wheeler
Director

Contents

	Page
Foreword	xi
Table of Contents	xii
List of Tables	xiii
Introduction	1
I. Utilization of Instructional Space	7
II. Interior Space Characteristics	79
III. Building Characteristics	137
IV. Accessibility of Facilities to the Mobility Impaired	167
Institutional Index	198
Bibliography	201
Index	202

List of Tables

		Page
Utilization of Instructional Space		
1.	Capacity/Enrollment Ratio	9
2.	Square Feet of Academic Facilities Per FTE Student	17
3.	Average Weekly Room Hours of Instruction in Classrooms	24
4.	Average Weekly Room Hours of Instruction in Class Laboratories	30
5.	Average Weekly Use of Student Stations in Classrooms	36
6.	Average Weekly Use of Student Stations in Class Laboratories	42
7.	Percent Student Station Utilization, Classrooms and Class Laboratories	48
8.	Student Clock Hours of Instruction	55
9.	Space Factors	58
10.	Range of Selected Space Utilization Indices	62
11.	Space Criteria	64
12.	FTE Enrollments	69
Interior Space Characteristics		
13.	Net-To-Gross Ratio	81
14.	Percentage Distribution of Assignable Area by Summary Programs	86
14a.	Instruction, Research & Public Service Subprograms	93
14b.	Academic Support Subprograms	102
14c.	Student Service and Physical Plant Operations Subprograms	108
14d.	Institutional Administration, Independent Operations & Unassigned Subprograms	112

		Page
15.	Assignable Area by Room Code	117
16.	Assignable Square Feet Per Student Station for Classrooms	124
17.	Assignable Square Feet Per Student Station for Class Laboratories	130
	Building Characteristics	
18.	Ownership of Buildings	139
19.	Capital Investment, Non-Residential Buildings	142
20.	Capital Investment, Residential Buildings	148
21.	Age of Buildings Reported by Gross Square Feet	152
22.	Condition of Buildings	156
23.	Estimated Cost to Renovate or Replace Unsatisfactory Facilities	161
	Accessibility of Facilities to the Mobility Impaired	
24.	Accessible Area As a Percentage of Assignable	169
25.	Accessible Area by Summary Programs	175
25a.	Instruction, Research & Public Service Subprograms	178
25b.	Academic Support Subprograms	184
25c.	Student Service and Physical Plant Operations Subprograms	188
25d.	Institutional Administration, Independent Operations & Unassigned Subprograms	190
26.	Accessible Area by Room Code	193

Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of the University of North Carolina-General Administration.

Institutions Included

The study provides data for 113 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise the University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities (two such institutions, including their associated medical schools), general baccalaureate colleges (32), and junior colleges (four). Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study. Comparisons may be made among individual private institutions through direct project officer contact.

Because of the unique facilities requirements of health affairs complexes and medical schools, data for the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses.

For similar reasons, the Higher Education Facilities Commission separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the commission with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their

previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the commission with a mainframe computer tape, PC diskette, or electronic mail transmission of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions also provide these data on computer tape, diskette, or an E-mail file. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the commission keys this information onto master files at the Administrative Data Processing Center (ADP) in Chapel Hill. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the Commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the commission has provided data search services, software, special analyses, and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), the Department of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, UNC Hospitals at Chapel Hill, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

N. C. School of the Arts and St. Mary's College instruct secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at these campuses were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for these institutions, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the School of the Arts and the Junior College subtotal as reported. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. A&T State University similarly shows an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to the institution's extensive instruction and research programs in Agriculture which require significantly more academic space per FTE student than is typical of other general academic programs.

The Department of Community Colleges now reports full-time equivalent enrollment (FTE) based on a contact-hour formula instead of the previous credit-hour calculation. This alteration was made five years ago by DCC and commission

staff to conform to the official Department of Community Colleges FTE figure for data reporting and funding assignment. This change has provided a better correlation to on-campus space utilization and ensured greater data integrity. Tables 2 and 12 of this study, with accompanying graphs on pages 19 and 71, are impacted by this conversion, which is further explained in their preceding texts.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. Beginning in 1981, the student clock hours of UNC at Asheville reflected these WCU courses, as well as courses for WCU students sponsored by UNC at Asheville and conducted on its campus. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner. In addition, Gardner-Webb University offers classes on the campus of Mitchell Community College. These classes have been included in the utilization data for Mitchell but are not reflected in the full-time equivalent enrollment for that institution.

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community and Technical Colleges of the North Carolina Community College system.

In 1992 two UNC institutions received requested reclassifications based on their education missions: UNC Greensboro was upgraded from a Doctoral Granting University II to a Doctoral Granting University I; UNC Asheville was reclassified from a Comprehensive University II to a Liberal Arts University I. Because the data in this study reflect fall 1992 status, the new designations appear in this publication's tables for the first time.

The data elements collected, formats maintained, and statistics generated by the North Carolina Commission on Higher Education Facilities adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization surveying. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus. Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to Facilities Commission (national standard) data. This office does, however, provide the special request, data processing services mentioned above to all North Carolina institutions for all data maintained on commission files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

A revised Room Use Code Structure appears in the new Facilities Inventory and Utilization Manual (Fifth Edition, 1993) for North Carolina colleges and universities. Data collected for this publication are based on the previous structure (see page 118); data collection for fall 1993 will be based on the updated coding structure in the 1993 manual.

Norman Adrian Wiggins School of Law Building, Campbell University

Campbell University's new law complex was completed in 1992 at a cost of $6 million. Historic Kivett Hall, the original home of the Wiggins School of Law, was extensively renovated and incorporated into the new structure. A total interior area of over 80,000 square feet renders Campbell's square footage per law student one of the highest in the nation.

Both the new and fully renovated buildings provide a wide array of instructional and research facilities. The new complex houses a major law library addition, two modern courtrooms, computer learning centers, seminar rooms, three large lecture halls, student lounge and office areas, a placement suite, and a faculty office suite.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 24
Room Hours of Instruction in Class Laboratories 30
Use of Student Stations in Classrooms 36
Use of Student Stations in Class Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Range of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

BEST COPY AVAILABLE

TABLE 1:

CAPACITY / ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between four and five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Special Class Laboratory
225 Special Class Lab Svc.

230 Individual Study Laboratory
235 Individual Study Lab Svc.

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic-Physical Ed.
525 Athletic-Physical Ed. Svc.

Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

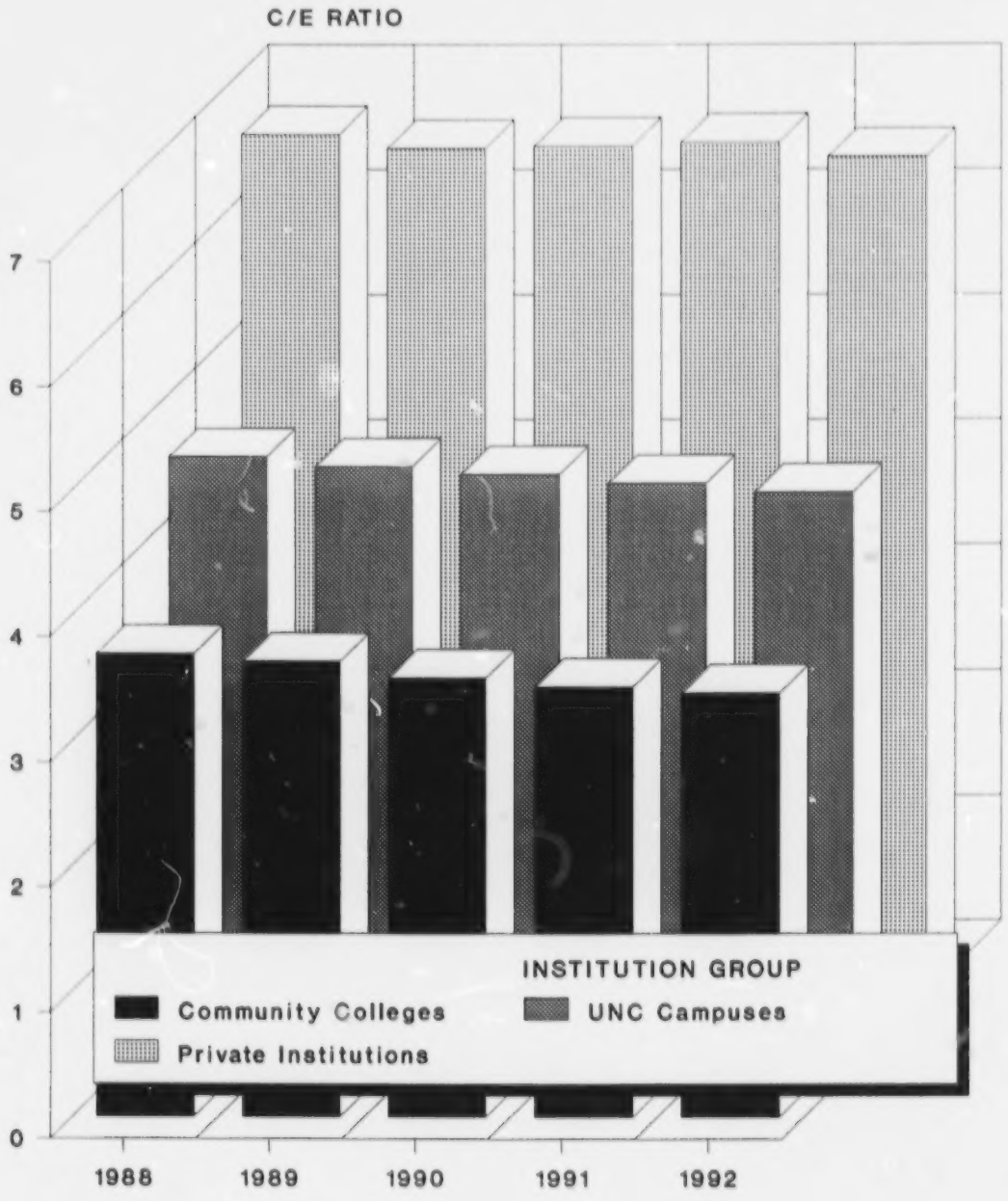
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1992	1991	1990	1989	1988
Research Universities I:							
NC State	1,344,001	348,868.0	3.85	3.83	3.69	3.87	3.79
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,483,793	251,293.5	5.90	5.64	5.33	5.59	5.52
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,827,794	600,161.5	4.71	4.61	4.42	4.63	4.56
Doctoral Granting Universities I:							
UNC-Greensboro	566,224	146,599.5	3.86	3.93	3.85	4.00	4.03
Comprehensive I Universities:							
Appalachian	684,239	165,215.5	4.14	4.27	4.28	4.05	4.30
East Carolina	762,134	221,884.5	3.43	3.60	3.89	3.78	3.87
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	246,908	50,363.0	4.90	5.20	5.03	5.90	6.65
NC A & T	556,991	113,202.5	4.92	5.26	5.89	6.43	6.74
NC Central	417,355	70,919.0	5.88	6.03	5.80	6.06	7.35
UNC-Charlotte	581,303	196,964.0	2.95	3.01	3.16	3.17	3.24
UNC-Wilmington	335,911	108,996.5	3.08	3.00	3.46	3.45	3.59
West'n Carolina	509,754	91,973.5	5.54	5.80	6.80	6.57	6.15
SUBTOTAL	4,094,595	1,019,518.5	4.02	4.15	4.40	4.43	4.62
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	214,132	34,315.5	6.24	7.19	7.26	6.55	6.38
Pembroke	208,421	37,360.0	5.58	5.87	5.69	4.93	5.45
UNC-Asheville	196,522	43,038.0	4.57	4.99	5.11	4.51	4.71
Winston-Salem	228,086	35,892.5	6.35	6.01	6.34	6.56	6.61
SUBTOTAL	847,161	150,606.0	5.63	5.93	6.01	5.53	5.72

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1992	1991	1990	1989	1988
Specialized Institution:							
NC Sch. of Arts*	169,062	17,354.5	9.74	10.19	10.96	9.37	7.33
Community Colleges:							
SUBTOTAL	6,416,607	1,896,804.5	3.38	3.43	3.50	3.63	3.69
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	1,240,418	200,675.5	6.18	6.34	6.36	6.52	6.56
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,640,710	553,570.5	6.58	6.57	6.60	6.57	6.68
Junior Colleges:							
SUBTOTAL*	279,668	39,632.5	7.06	8.06	7.25	6.68	7.04
GRAND TOTAL	20,082,239	4,624,923.0	4.34	4.41	4.49	4.58	4.67

* High school courses at N.C. School of the Arts and St. Mary's College (Junior Colleges) are included in the data for these institutions.

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1992	1991	1990	1989	1988
Community Colleges:							
Alamance CC	104,224	42,519.5	2.45	2.41	2.55	2.77	2.31
Anson CC	29,813	7,570.5	3.94	4.22	5.02	5.53	6.06
Ashev'le-Bun. TCC	230,974	55,717.0	4.15	4.04	4.01	3.75	4.67
Beaufort Co. CC	75,373	24,535.5	3.07	3.31	3.61	4.36	5.10
Bladen CC	50,119	9,717.0	5.16	4.88	5.05	5.30	6.00
Blue Ridge CC	81,898	22,334.0	3.67	3.65	3.85	4.67	4.78
Brunswick CC	58,127	15,445.5	3.76	4.50	4.74	5.39	7.99
Caldwell CC & TI	105,932	23,226.5	4.56	4.23	4.26	4.68	3.76
Cape Fear CC	113,605	44,121.0	2.57	2.68	2.75	2.72	2.81
Carteret CC	65,967	22,338.0	2.95	3.41	3.26	3.02	3.16
Catawba Vy. CC	150,245	57,320.0	2.62	2.71	3.24	3.74	4.07
C. Carolina CC	130,879	36,917.5	3.55	3.62	3.90	3.72	3.70
C. Piedmont CC	411,566	168,326.5	2.45	2.74	2.24	2.27	2.35
Cleveland CC	99,536	20,035.5	4.97	5.41	4.96	5.39	5.10
Coastal Car. CC	140,937	52,304.0	2.69	2.79	2.59	2.56	2.65
Col. Albemarle	77,401	29,489.0	2.62	2.95	3.04	2.99	3.71
Craven CC	87,645	35,166.0	2.49	2.49	3.04	2.52	2.36
Davidson Co. CC	106,795	29,170.5	3.66	3.59	4.10	3.95	4.12
Durham TCC	123,944	50,581.5	2.45	2.46	2.30	2.55	2.66
Edgecombe CC	72,630	20,658.5	3.52	3.68	4.87	5.60	5.80
Fayettev'le TCC	244,638	87,966.5	2.78	2.47	2.86	2.64	2.50
Forsyth TCC	265,891	56,486.5	4.71	3.72	3.79	3.69	3.73
Gaston Col.	180,451	54,692.0	3.30	3.26	3.20	3.72	3.72
Guilford TCC	337,520	101,883.5	3.31	3.36	3.04	3.23	3.49
Halifax CC	65,249	21,071.0	3.10	3.14	3.66	3.50	3.80
Haywood CC	130,819	27,180.0	4.81	5.01	5.58	4.53	4.35
Isothermal CC	131,357	28,012.0	4.69	4.74	4.70	4.97	4.64
J. Sprunt CC	61,756	13,730.5	4.50	4.13	5.11	5.52	5.85
Johnston CC	89,870	31,297.0	2.87	3.32	3.43	3.72	3.04
Lenoir CC	118,703	28,037.5	4.23	3.63	4.14	4.97	4.21

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1992	1991	1990	1989	1988
Community Colleges:							
Martin CC	78,597	14,518.5	5.41	5.65	5.58	6.02	7.35
Mayland CC	37,965	11,389.5	3.33	3.75	3.76	3.49	4.63
McDowell TCC	56,372	11,426.5	4.93	3.82	5.18	5.18	6.13
Mitchell CC	114,466	26,675.0	4.29	4.37	4.48	4.57	4.82
Montgomery CC	38,501	7,617.0	5.05	4.74	4.62	5.14	4.79
Nash CC	75,866	22,410.0	3.39	4.31	4.65	5.02	4.68
Pamlico CC	20,489	3,750.5	5.46	7.32	6.87	6.34	6.42
Piedmont CC	59,064	13,901.5	4.25	4.88	5.44	5.61	5.58
Pitt CC	114,104	49,981.0	2.28	2.34	2.62	2.50	2.65
Randolph CC	113,971	24,868.5	4.58	4.54	4.23	4.24	4.50
Richmond CC	82,173	18,838.0	4.36	4.16	5.23	5.48	5.64
Roanoke-Cho. CC	69,707	12,020.5	5.80	6.73	4.95	5.36	5.67
Robeson CC	87,826	25,603.5	3.43	3.44	4.02	4.39	6.16
Rockingham CC	142,493	31,287.0	4.55	4.69	5.46	5.59	5.97
Rowan-Cab. CC	129,631	38,165.5	3.40	3.39	3.36	3.28	3.73
Sampson CC	60,288	17,812.5	3.38	3.55	3.61	3.94	4.49
Sandhills CC	131,683	27,959.0	4.71	3.58	3.77	3.86	3.23
Southeastern CC	87,624	24,523.5	3.57	4.66	4.02	4.24	3.98
Southwestern CC	80,208	20,804.0	3.86	4.20	4.02	4.96	6.04
Stanly CC	50,132	16,311.0	3.07	3.33	3.52	3.64	3.50
Surry CC	100,993	35,865.5	2.82	2.71	2.86	3.04	3.35
Tri-County CC	55,198	12,227.5	4.51	5.00	5.19	6.31	5.95
Vance-Granv. CC	86,446	29,888.0	2.89	3.64	3.01	3.16	4.16
Wake TCC	189,087	68,328.0	2.77	2.89	2.96	3.19	2.98
Wayne CC	133,842	40,888.0	3.27	3.67	3.93	4.47	2.89
W. Piedmont CC	89,766	26,286.5	3.41	2.89	2.63	2.69	2.81
Wilkes CC	99,661	28,225.5	3.53	3.18	3.13	3.29	2.99
Wilson TCC	86,590	17,383.0	4.98	4.83	5.16	4.91	4.09
TOTAL	6,416,607	1,896,804.5	3.38	3.43	3.50	3.63	3.69

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest today in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Food Stores), or 760 (Central Laundry). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facilities), 635 (Food Facilities Service), 660 (Merchandising Facilities), 665 (Merchandising Facilities Service), 750 (Central Food Stores), 760 (Central Laundry), all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities). Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS Category Codes in the 2300 series) is also excluded.

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

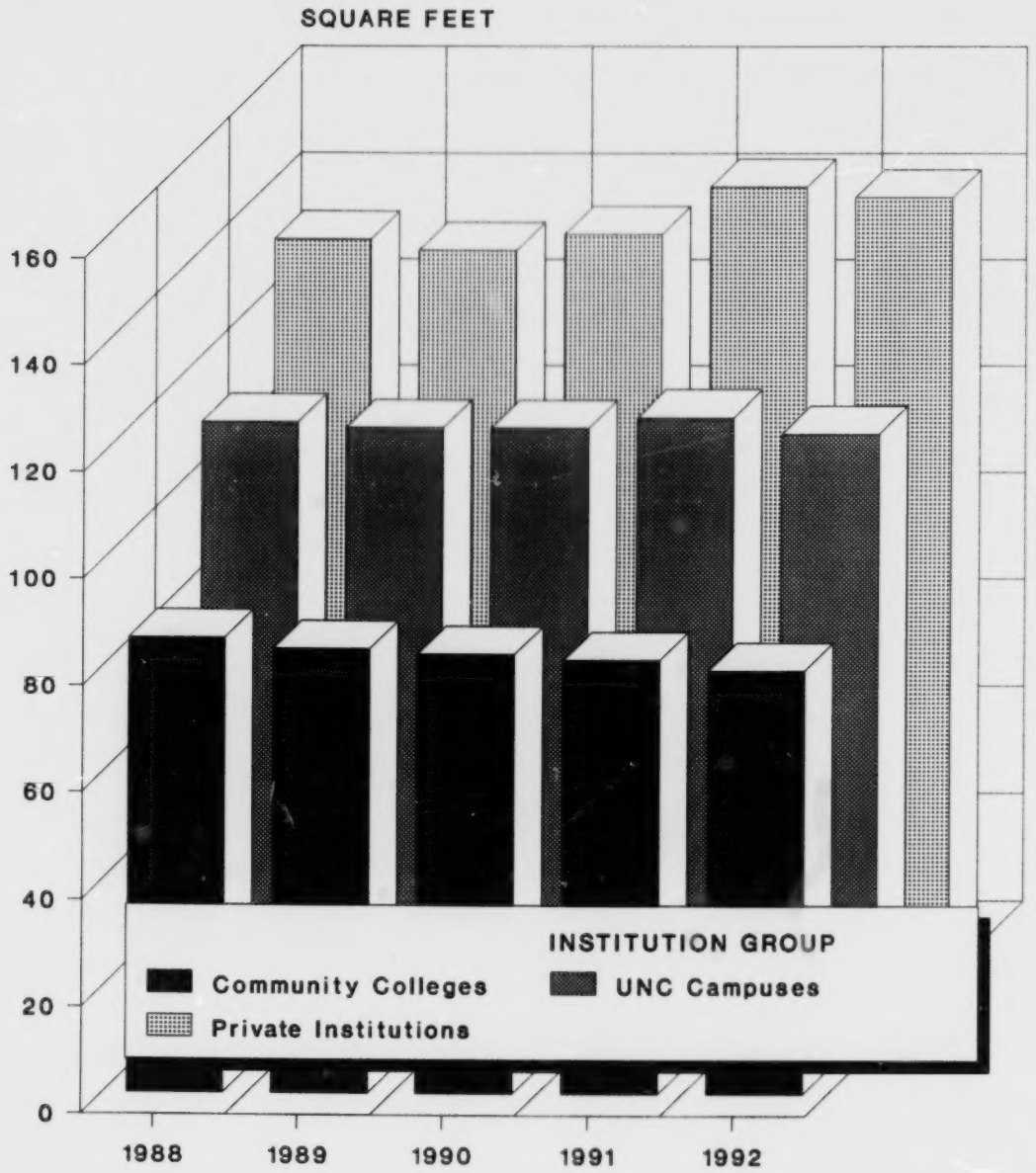
In this table, the FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12.

The Department of Community Colleges now reports FTE figures based on a contact-hour formula instead of the previous credit-hour basis of calculation applied until 1987 (see pages 69-70). All figures in this publication's tables, which include 5-year historical trends for many tables, are based on the revised method of calculation. This change had an overall impact of slightly increasing FTE and thus decreasing square feet of academic facilities per FTE student. For the community colleges, therefore, previous year figures for Table 2 and Table 12 in this study published before 1987 will not coincide with those in subsequent publications.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

$$\frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1992	1991	1990	1989	1988
Research Universities I:							
NC State	2,982,950	21,950	136	136	127	130	129
NC State Vet.	220,351	283	779	822	783	803	774
UNC-Chapel Hill	2,599,467	17,748	146	143	136	138	135
UNC-Health Aff.	1,330,099	3,453	385	390	402	380	381
SUBTOTAL*	5,582,417	39,698	141	139	131	134	132
Doctoral Granting Universities I:							
UNC-Greensboro	945,128	10,485	90	92	90	93	91
Comprehensive I Universities:							
Appalachian	1,026,384	11,116	92	95	95	89	90
East Carolina	1,142,011	15,277	75	79	78	80	80
ECU-Health Aff.	486,230	1,097	443	436	333	377	406
Fayetteville	358,375	3,384	106	113	112	123	139
NC A & T**	945,793	6,905	137	155	152	151	161
NC Central	576,351	4,917	117	124	121	125	132
UNC-Charlotte	856,331	13,039	66	67	66	67	68
UNC-Wilmington	489,246	7,179	68	65	74	72	75
West'n Carolina	773,102	5,996	129	133	140	140	128
SUBTOTAL*	6,167,593	67,813	91	95	95	96	97
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	310,158	1,931	161	182	185	169	172
Pembroke	276,802	2,610	106	109	101	91	105
UNC-Asheville	271,085	2,619	104	108	107	95	100
Winston-Salem	317,378	2,313	137	145	152	144	146
SUBTOTAL	1,175,423	9,473	124	131	130	119	126

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1992	1991	1990	1989	1988
Specialized Institution:							
NC Sch. of Arts***	253,200	487	520	536	534	502	496
Community Colleges:							
SUBTOTAL	8,075,238	102,034	79	81	82	83	85
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL*	2,273,755	15,277	149	148	148	150	147
Gen. Baccalaureate Colleges:							
SUBTOTAL	5,255,244	38,595	136	137	126	125	125
Junior Colleges:							
SUBTOTAL***	355,447	2,060	173	191	170	163	164
GRAND TOTAL	30,083,445	285,922	105	107	105	106	107

* Division of Health Affairs and NCSU Veterinary School are excluded from all totals.

** Agricultural programs at N.C. A&T require a significant amount of academic space. The 1992 figures for these programs are: ASF: 159,768; FTE: 227; ASF per FTE: 704. Figures for all other campus programs: ASF: 786,025; FTE: 6,678; ASF per FTE: 118.

*** The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts and St. Mary's College (Junior Colleges).

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1992	1991	1990	1989	1988
Community Colleges:							
Alamance CC	129,207	2,333	55	58	63	66	57
Anson CC	37,949	346	110	135	169	158	162
Ashev'le-Bun. TCC	276,091	2,828	98	90	101	80	108
Beaufort Co. CC	99,445	1,003	99	80	89	94	103
Bladen CC	67,177	627	107	89	127	131	154
Blue Ridge CC	104,942	1,206	87	88	89	100	117
Brunswick CC	75,446	733	103	144	153	147	148
Caldwell CC & TI	131,448	1,437	91	88	97	96	80
Cape Fear CC	138,275	2,665	52	57	59	59	60
Carteret CC	102,929	1,217	85	96	88	92	89
Catawba Vy. CC	187,460	2,518	74	77	86	89	107
C. Carolina CC	152,765	1,725	89	83	71	74	71
C. Piedmont CC	503,119	9,408	53	58	52	52	53
Cleveland CC	121,544	957	127	134	142	148	135
Coastal Car. CC	162,166	2,766	59	58	55	54	56
Col. Albemarle	109,306	1,571	70	75	82	81	90
Craven CC	98,112	1,509	65	67	73	74	83
Davidson Co. CC	137,536	1,850	74	70	74	76	79
Durham TCC	155,468	2,926	53	53	52	58	58
Edgecombe CC	92,680	1,322	70	82	94	101	107
Fayettev'le TCC	330,686	4,951	67	59	60	54	56
Forsyth TCC	331,947	3,213	103	86	90	87	89
Gaston Col.	228,075	2,970	77	81	61	68	66
Guilford TCC	401,889	5,517	73	73	69	74	81
Halifax CC	83,781	1,139	74	80	104	100	100
Haywood CC	178,495	1,232	145	142	151	139	147
Isothermal CC	156,208	1,452	108	108	117	119	116
J. Sprunt CC	76,806	845	91	87	122	129	125
Johnston CC	119,834	1,776	67	72	68	73	63
Lenoir CC	143,891	1,736	83	85	91	89	82

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1992	1991	1990	1989	1988
Community Colleges:							
Martin CC	98,275	757	130	150	164	180	184
Mayland CC	51,406	603	85	82	95	95	118
McDowell TCC	68,806	564	122	106	123	129	127
Mitchell CC	141,981	1,230	115	114	125	133	140
Montgomery CC	46,395	377	123	90	114	120	125
Nash CC	93,457	1,169	80	116	120	132	139
Pamlico CC	26,288	142	185	264	278	221	186
Piedmont CC	88,848	592	150	152	174	209	209
Pitt CC	139,165	2,403	58	78	57	56	57
Randolph CC	141,639	1,345	105	106	99	96	107
Richmond CC	103,853	947	110	111	121	124	120
Roanoke-Cho. CC	92,221	730	126	141	116	122	132
Robeson CC	111,921	1,373	82	91	95	100	128
Rockingham CC	168,718	1,591	106	104	115	117	132
Rowan-Cab. CC	154,888	1,418	109	96	88	85	90
Sampson CC	77,450	867	89	97	95	93	92
Sandhills CC	163,071	2,371	69	64	64	65	67
Southeastern CC	110,705	1,603	69	89	93	85	91
Southwestern CC	109,618	1,083	101	104	114	120	124
Stanly CC	59,994	853	70	70	77	76	79
Surry CC	117,954	1,985	59	57	62	68	72
Tri-County CC	73,504	593	124	125	121	124	115
Vance-Granv. CC	127,926	1,450	88	90	83	92	83
Wake TCC	248,351	3,869	64	71	75	76	72
Wayne CC	165,525	2,124	78	89	99	104	72
W. Piedmont CC	115,806	1,830	63	59	61	69	56
Wilkes CC	131,494	1,406	94	81	77	82	84
Wilson TCC	111,302	981	113	117	119	119	116
TOTAL	8,075,238	102,034	79	81	82	83	85

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

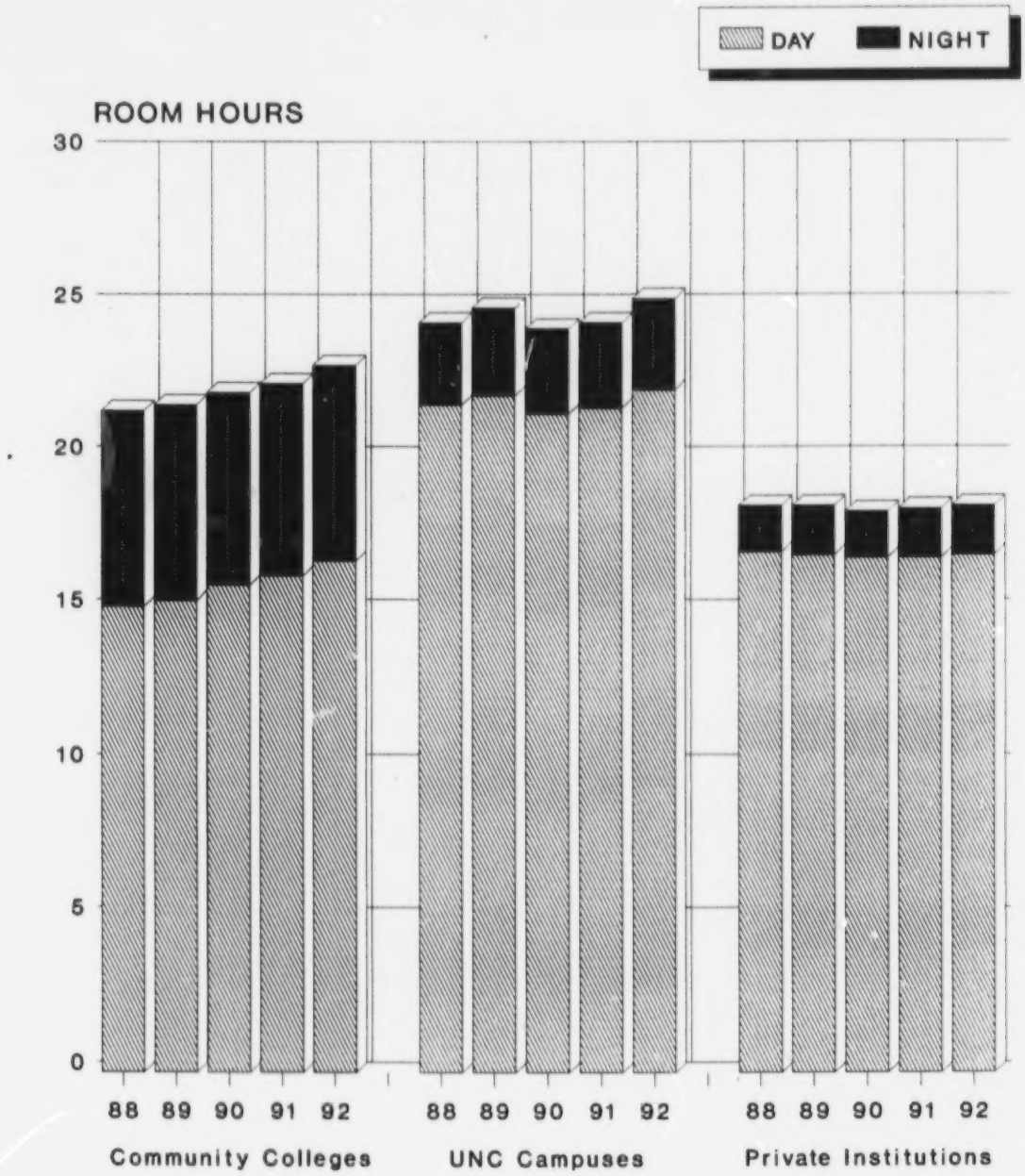
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Research Universities I:								
NC State	7,497.0	27.8	2.8	30.6	30.9	31.5	31.9	32.2
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,499.0	24.6	1.0	25.6	25.8	26.4	27.9	27.0
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	13,996.0	26.2	1.9	28.1	28.3	28.9	30.0	29.6
Doctoral Granting Universities I:								
UNC-Greensboro	3,598.5	24.4	4.2	28.6	27.5	26.5	25.3	25.5
Comprehensive I Universities:								
Appalachian	5,330.5	24.2	1.8	26.0	25.0	24.4	29.1	27.7
East Carolina	5,515.5	22.2	3.7	25.9	24.4	22.6	22.6	22.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,913.0	17.9	4.1	22.0	19.0	23.3	21.3	24.4
NC A & T	2,987.5	17.7	2.3	20.0	18.4	19.0	16.2	14.4
NC Central	2,173.0	12.4	3.0	15.4	15.4	16.0	15.2	14.6
UNC-Charlotte	4,364.5	31.0	7.3	38.3	35.4	36.1	38.4	35.2
UNC-Wilmington	2,723.5	31.3	4.1	35.4	35.7	33.6	32.5	33.7
West'n Carolina	2,658.0	21.8	2.6	24.4	23.2	21.4	23.1	24.8
SUBTOTAL	27,665.5	21.9	3.4	25.3	23.9	23.7	23.8	23.2
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	980.5	15.5	2.1	17.6	16.8	16.5	20.3	19.3
Pembroke	1,318.5	17.3	2.1	19.4	19.8	19.5	19.5	16.9
UNC-Asheville	1,568.0	19.6	6.1	25.7	22.8	22.3	30.2	32.8
Winston-Salem	1,206.0	12.2	2.3	14.5	16.1	15.0	14.5	15.1
SUBTOTAL	5,073.0	15.8	3.1	18.9	18.8	18.3	20.1	19.6

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Specialized Institution:								
NC Sch. of Arts	425.0	16.1	0.2	16.3	16.2	10.0	16.6	13.0
Community Colleges:								
SUBTOTAL	60,118.0	16.6	6.4	23.0	22.4	22.1	21.7	21.5
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,812.5	18.8	1.0	19.8	19.4	19.8	19.9	19.6
Gen. Baccalaureate Colleges:								
SUBTOTAL	21,523.5	16.2	1.9	18.1	18.3	18.0	18.2	18.4
Junior Colleges:								
SUBTOTAL	1,639.0	17.9	0.1	18.0	15.9	15.9	16.0	15.3
GRAND TOTAL	139,851.0	18.5	4.1	22.6	22.1	21.8	21.9	21.7

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Alamance CC	1,212.5	21.3	9.8	31.1	29.9	28.5	26.4	36.3
Anson CC	208.0	15.6	5.2	20.8	18.7	21.3	18.6	19.0
Ashev'le-Bun. TCC	2,049.0	14.4	5.7	20.1	20.0	20.1	20.5	14.4
Beaufort Co. CC	750.5	17.0	5.7	22.7	25.7	24.3	22.0	20.2
Bladen CC	307.5	14.0	6.5	20.5	20.6	22.4	16.1	12.8
Blue Ridge CC	997.0	17.7	9.3	27.0	27.1	21.4	18.6	19.1
Brunswick CC	619.5	16.8	3.2	20.0	22.0	23.4	18.1	12.8
Caldwell CC & TI	776.0	14.9	5.5	20.4	21.7	20.6	20.5	24.4
Cape Fear CC	1,096.5	25.0	8.2	33.2	32.7	34.1	33.3	29.7
Carteret CC	753.0	15.6	7.2	22.8	21.2	21.3	25.0	24.9
Catawba Vy. CC	1,568.5	19.4	9.1	28.5	27.0	24.9	21.9	18.1
C. Carolina CC	1,326.5	18.2	6.8	25.0	27.1	25.2	27.1	27.9
C. Piedmont CC	4,710.0	18.2	6.9	25.1	22.9	26.9	26.1	28.3
Cleveland CC	625.0	11.0	7.4	18.4	17.1	16.3	15.7	17.3
Coastal Car. CC	1,721.0	22.6	7.1	29.7	29.5	35.1	35.5	36.0
Col. Albemarle	806.0	18.8	6.4	25.2	23.4	20.5	22.2	20.5
Craven CC	987.0	16.7	5.2	21.9	18.7	19.7	28.7	24.3
Davidson Co. CC	907.5	16.8	6.4	23.2	22.3	19.0	20.0	19.6
Durham TCC	1,624.5	18.6	9.9	28.5	30.4	30.7	29.6	29.2
Edgecombe CC	743.5	12.3	5.0	17.3	17.6	13.9	13.7	14.2
Fayettev'le TCC	3,466.5	21.1	6.4	27.5	31.5	32.0	32.4	30.4
Forsyth TCC	1,772.5	10.7	5.2	15.9	19.9	20.9	21.4	22.9
Gaston Col.	1,887.5	18.1	8.5	26.6	24.3	19.8	19.9	20.3
Guilford TCC	2,996.0	15.8	6.6	22.4	22.1	23.5	23.9	24.2
Halifax CC	573.0	17.3	6.5	23.8	23.2	18.3	18.8	18.0
Haywood CC	743.5	18.4	6.4	24.8	20.2	20.6	23.1	23.9
Isothermal CC	729.0	13.0	5.2	18.2	18.8	18.9	15.5	17.2
J. Sprunt CC	450.0	11.4	3.6	15.0	14.7	15.9	14.8	15.9
Johnston CC	829.5	16.6	5.8	22.4	22.4	20.9	24.0	25.1
Lenoir CC	960.5	15.7	3.9	19.6	17.9	15.0	14.0	18.0

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Martin CC	336.0	12.6	4.2	16.8	18.2	16.7	14.8	15.3
Mayland CC	409.5	17.6	6.5	24.1	26.1	21.2	26.4	25.9
McDowell TCC	375.5	9.2	5.8	15.0	15.3	8.6	12.4	11.3
Mitchell CC	870.0	12.5	6.4	18.9	15.4	14.1	15.5	12.5
Montgomery CC	297.0	13.4	7.8	21.2	16.0	16.7	17.6	21.9
Nash CC	932.5	17.0	10.5	27.5	22.8	19.6	19.0	19.6
Pamlico CC	227.5	16.7	8.6	25.3	22.6	22.0	20.0	16.2
Piedmont CC	414.5	10.0	4.8	14.8	14.7	14.0	14.8	12.6
Pitt CC	1,240.5	27.3	7.2	34.5	32.1	31.7	35.2	34.5
Randolph CC	779.0	10.0	7.3	17.3	16.5	19.2	17.5	17.9
Richmond CC	739.5	14.1	6.4	20.5	19.1	15.1	13.3	17.6
Roanoke-Cho. CC	418.5	14.8	4.2	19.0	17.2	15.9	16.8	14.4
Robeson CC	937.0	18.5	10.8	29.3	24.7	21.3	18.6	12.2
Rockingham CC	948.5	16.2	6.4	22.6	22.4	20.2	17.9	18.2
Rowan-Cab. CC	1,509.0	12.6	8.1	20.7	20.6	21.7	23.6	21.2
Sampson CC	501.5	18.2	5.7	23.9	22.5	21.5	23.7	18.7
Sandhills CC	870.0	14.7	1.8	16.5	20.3	19.9	21.6	23.2
Southeastern CC	693.5	14.5	2.5	17.0	13.0	16.1	14.2	16.2
Southwestern CC	606.5	15.1	3.3	18.4	18.3	20.7	16.7	11.6
Stanly CC	522.5	18.4	6.5	24.9	22.3	20.7	21.9	21.9
Surry CC	816.0	19.1	8.1	27.2	29.6	29.5	27.1	23.3
Tri-County CC	471.0	11.0	8.7	19.7	16.0	17.3	12.9	15.2
Vance-Granv. CC	872.5	16.3	8.0	24.3	20.5	21.2	21.1	19.7
Wake TCC	2,459.5	23.5	5.1	28.6	26.5	27.4	25.0	23.8
Wayne CC	1,206.5	17.8	5.5	23.3	20.0	20.8	17.9	23.2
W. Piedmont CC	900.0	18.2	9.1	27.3	27.2	29.7	26.0	31.1
Wilkes CC	1,108.5	19.5	5.1	24.6	26.6	27.0	23.5	24.9
Wilson TCC	458.5	10.9	5.5	16.4	18.4	16.9	19.0	19.6
TOTAL	60,118.0	16.6	6.4	23.0	22.4	22.1	21.7	21.5

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

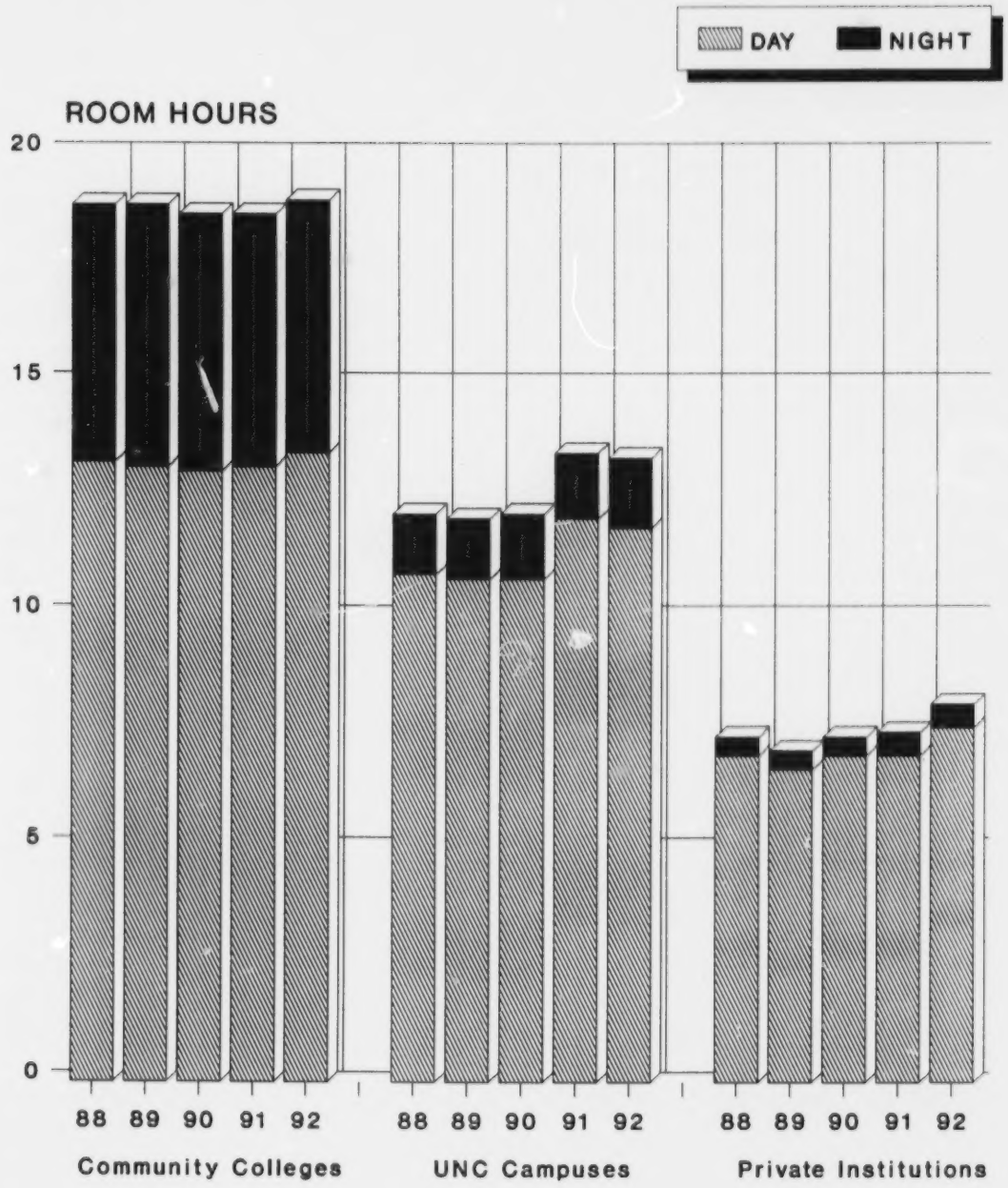
Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Research Universities I:								
NC State	2,728.0	10.5	1.3	11.8	12.1	10.0	10.5	12.0
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,431.5	14.2	2.1	16.3	16.7	14.7	15.8	16.9
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	4,159.5	11.5	1.6	13.1	13.5	11.3	12.1	13.4
Doctoral Granting Universities I:								
UNC-Greensboro	900.0	14.1	1.2	15.3	15.9	14.3	13.6	12.9
Comprehensive I Universities:								
Appalachian	1,325.0	13.5	1.2	14.7	14.1	13.1	14.1	14.3
East Carolina	2,047.5	13.6	1.9	15.5	16.4	14.6	15.7	13.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	369.5	9.9	1.3	11.2	11.2	12.7	11.0	11.3
NC A & T	914.5	11.2	1.1	12.3	10.5	11.6	5.2	6.2
NC Central	341.5	5.7	0.7	6.4	6.6	6.0	6.5	3.7
UNC-Charlotte	1,740.0	16.0	2.9	18.9	18.7	18.6	20.9	19.5
UNC-Wilmington	756.0	16.6	2.3	18.9	21.1	20.0	19.3	17.5
West'n Carolina	836.0	13.1	1.8	14.9	15.3	12.4	11.3	12.4
SUBTOTAL	8,330.0	12.9	1.7	14.6	14.5	13.9	12.5	11.9
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	432.0	9.5	1.0	10.5	9.6	8.4	11.2	12.9
Pembroke	215.0	6.5	0.1	6.6	5.8	7.3	8.7	9.1
UNC-Asheville	322.0	8.6	1.5	10.1	8.4	6.1	6.8	6.8
Winston-Salem	206.0	6.9	1.3	8.2	8.7	8.6	6.8	6.6
SUBTOTAL	1,175.0	8.0	1.0	9.0	8.2	7.4	8.2	8.7

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Specialized Institution:								
NC Sch. of Arts	547.5	11.6	0.5	12.1	13.0	9.6	15.0	15.8
Community Colleges:								
SUBTOTAL	40,643.5	13.5	5.5	19.0	18.7	18.7	18.9	18.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	685.5	6.1	0.4	6.5	6.5	4.7	5.2	8.9
Gen. Baccalaureate Colleges:								
SUBTOTAL	4,453.5	7.9	0.5	8.4	7.8	8.0	7.5	7.4
Junior Colleges:								
SUBTOTAL	388.0	7.8	0.3	8.1	6.7	7.3	6.9	7.0
GRAND TOTAL	61,282.5	12.0	3.5	15.5	15.3	14.9	14.7	14.9

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Alamance CC	1,075.5	19.3	7.0	26.3	26.5	25.4	24.1	27.0
Anson CC	367.5	14.7	8.3	23.0	20.3	22.9	21.8	22.0
Ashev'le-Bun. TCC	956.5	12.5	5.2	17.7	17.8	17.3	16.0	15.6
Beaufort Co. CC	704.5	19.6	6.5	26.1	21.4	22.0	17.1	17.4
Bladen CC	354.0	11.1	5.8	16.9	20.7	16.3	17.0	16.4
Blue Ridge CC	577.5	15.2	8.9	24.1	24.9	26.2	24.3	26.9
Brunswick CC	303.5	9.6	5.6	15.2	16.7	15.7	16.1	9.2
Caldwell CC & TI	622.5	10.3	5.3	15.6	15.5	17.4	17.3	21.6
Cape Fear CC	998.0	18.7	5.7	24.4	24.3	21.9	24.5	24.3
Carteret CC	517.0	11.3	6.6	17.9	17.2	17.3	21.5	21.0
Catawba Vy. CC	1,203.0	15.9	7.2	23.1	23.2	21.3	20.3	18.2
C. Carolina CC	875.5	11.3	4.3	15.6	16.8	17.4	17.0	17.3
C. Piedmont CC	2,906.5	18.0	5.4	23.4	22.5	25.3	26.6	28.3
Cleveland CC	631.0	8.0	5.7	13.7	11.8	12.3	12.4	14.2
Coastal Car. CC	972.0	16.6	5.5	22.1	22.1	24.4	25.7	23.3
Col. Albemarle	498.0	12.8	3.8	16.6	15.2	14.0	15.9	15.1
Craven CC	794.0	17.4	6.7	24.1	22.0	19.0	24.6	27.5
Davidson Co. CC	549.0	11.2	5.4	16.6	15.9	16.8	15.8	15.5
Durham TCC	931.5	14.5	7.6	22.1	21.5	21.1	22.5	21.4
Edgecombe CC	486.5	9.8	4.1	13.9	15.1	13.3	12.7	12.1
Fayettev'le TCC	1,044.0	12.6	2.8	15.4	18.1	19.3	19.6	19.2
Forsyth TCC	1,265.0	12.4	6.5	18.9	21.5	21.2	20.5	19.9
Gaston Col.	1,005.0	10.5	6.0	16.5	14.4	11.4	11.1	12.5
Guilford TCC	1,586.0	10.7	4.4	15.1	16.0	19.4	17.5	17.3
Halifax CC	554.0	21.1	6.6	27.7	28.0	17.9	25.5	24.3
Haywood CC	1,054.0	15.2	4.0	19.2	19.4	16.9	21.2	22.3
Isothermal CC	709.0	12.8	6.4	19.2	19.5	17.7	17.9	22.0
J. Sprunt CC	422.5	16.3	3.8	20.1	21.5	20.9	16.1	16.9
Johnston CC	557.0	9.9	4.8	14.7	13.5	13.7	14.2	15.0
Lenoir CC	512.5	14.3	4.7	19.0	16.4	16.7	14.3	14.0

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Martin CC	441.5	11.9	3.9	15.8	16.0	17.6	15.4	18.2
Mayland CC	245.5	18.1	9.2	27.3	23.0	29.8	24.8	21.7
McDowell TCC	503.0	12.5	9.4	21.9	22.3	20.0	20.6	22.4
Mitchell CC	567.0	10.2	5.5	15.7	15.9	16.5	16.1	14.6
Montgomery CC	449.0	14.6	7.9	22.5	23.9	24.8	21.8	22.5
Nash CC	511.0	10.0	6.5	16.5	16.6	19.1	17.4	16.6
Pamlico CC	174.0	13.3	8.5	21.8	17.6	19.9	20.9	19.2
Piedmont CC	487.5	13.3	10.0	23.3	17.9	18.4	18.4	14.5
Pitt CC	971.5	17.5	3.7	21.2	20.7	20.7	29.8	27.4
Randolph CC	684.0	12.7	4.8	17.5	16.8	19.9	19.2	17.0
Richmond CC	369.0	8.6	5.6	14.2	15.8	14.4	14.0	14.7
Roanoke-Cho. CC	251.5	9.5	3.7	13.2	12.4	14.1	12.0	12.5
Robeson CC	618.0	10.5	7.7	18.2	17.4	16.4	16.3	12.4
Rockingham CC	749.5	15.0	4.7	19.7	18.0	15.2	16.7	15.8
Rowan-Cab. CC	709.5	11.3	7.4	18.7	17.1	19.0	18.3	18.5
Sampson CC	448.5	14.2	7.2	21.4	20.9	18.9	17.8	17.8
Sandhills CC	495.0	10.5	2.2	12.7	15.2	15.6	15.7	18.7
Southeastern CC	301.0	10.6	2.0	12.6	12.6	9.6	14.5	13.9
Southwestern CC	380.5	7.8	3.4	11.2	11.7	11.8	9.8	7.6
Stanly CC	418.0	13.8	4.4	18.2	18.2	20.4	16.7	17.4
Surry CC	813.5	18.8	7.5	26.3	23.9	23.7	23.8	26.0
Tri-County CC	272.5	7.2	6.4	13.6	13.2	12.7	15.2	16.6
Vance-Granv. CC	877.0	15.2	8.5	23.7	17.7	26.4	25.8	18.5
Wake TCC	1,300.0	19.7	5.8	25.5	25.1	23.1	22.4	20.9
Wayne CC	687.0	13.7	2.6	16.3	14.2	13.0	15.2	18.9
W. Piedmont CC	506.5	13.0	6.5	19.5	22.3	22.6	24.6	25.6
Wilkes CC	723.5	17.3	4.0	21.3	17.6	19.0	16.9	19.9
Wilson TCC	656.5	12.9	7.0	19.9	19.6	17.7	21.1	22.4
TOTAL	40,643.5	13.5	5.5	19.0	18.7	18.7	18.9	18.9

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

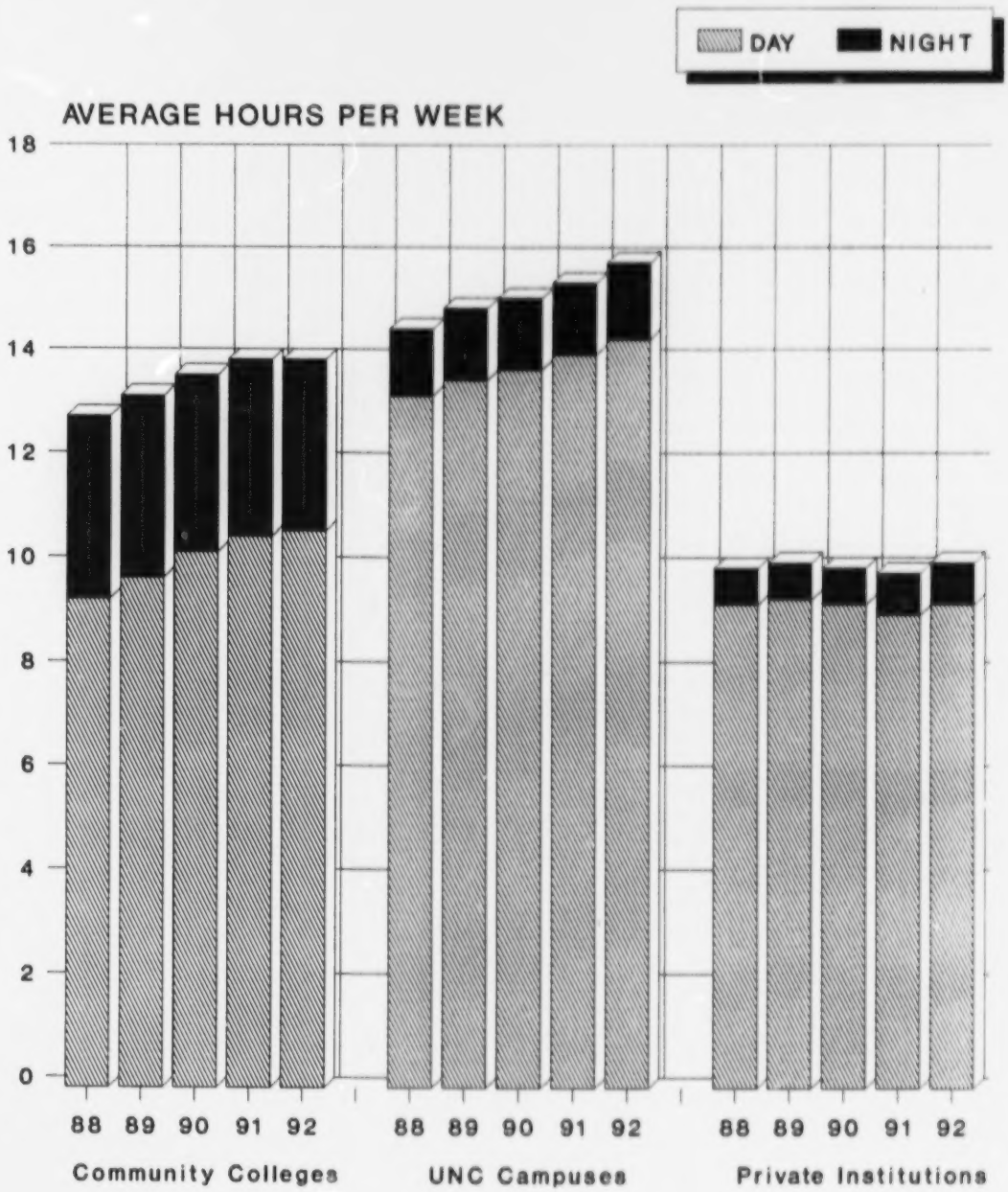
For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Research Universities I:								
NC State	13,865	18.1	1.5	19.6	19.6	20.1	19.5	19.1
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,863	14.9	0.4	15.3	16.0	17.4	16.4	16.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	27,728	16.5	0.9	17.4	17.8	18.7	17.9	17.8
Doctoral Granting Universities I:								
UNC-Greensboro	6,637	15.5	1.8	17.3	17.0	17.6	16.0	16.4
Comprehensive I Universities:								
Appalachian	8,828	15.0	0.8	15.8	15.2	14.9	17.6	16.9
East Carolina	9,986	15.2	2.2	17.4	15.4	13.8	13.6	13.7
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	3,524	9.7	1.5	11.2	10.5	12.6	11.2	11.5
NC A & T	6,409	12.8	1.2	14.0	12.5	10.4	8.9	7.7
NC Central	6,231	8.0	1.5	9.5	9.3	9.8	9.3	8.1
UNC-Charlotte	6,610	19.7	3.3	23.0	23.3	20.9	20.7	19.6
UNC-Wilmington	3,940	20.7	2.1	22.8	23.6	19.3	19.6	20.4
West'n Carolina	4,599	13.6	1.5	15.1	14.1	12.9	12.1	13.3
SUBTOTAL	50,127	14.5	1.8	16.3	15.5	14.4	14.1	13.7
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	2,425	8.3	0.8	9.1	8.3	8.2	10.6	10.5
Pembroke	2,850	9.6	0.9	10.5	10.4	10.0	10.8	9.4
UNC-Asheville	2,472	11.3	2.8	14.1	13.0	12.7	14.8	15.8
Winston-Salem	3,734	6.6	1.1	7.7	7.9	7.9	7.4	7.7
SUBTOTAL	11,481	8.7	1.3	10.0	9.8	9.6	10.3	10.1

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Specialized Institution:								
NC Sch. of Arts	697	9.3	0.1	9.4	8.9	5.5	9.1	7.6
Community Colleges:								
SUBTOTAL	83,883	10.7	3.3	14.0	14.0	13.7	13.3	12.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	13,671	11.6	0.5	12.1	11.1	11.3	11.2	11.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	46,566	8.6	1.0	9.6	9.7	9.7	9.8	9.7
Junior Colleges:								
SUBTOTAL	3,092	10.0	0.1	10.1	8.5	9.4	9.9	9.0
GRAND TOTAL	243,882	11.8	1.9	13.7	13.5	13.4	13.1	12.8

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Alamance CC	1,554	11.7	4.4	16.1	14.6	15.5	13.2	17.4
Anson CC	249	8.2	3.1	11.3	10.4	10.1	8.9	9.2
Ashev'le-Bun. TCC	3,149	8.9	3.3	12.2	12.1	12.7	12.5	8.9
Beaufort Co. CC	876	11.6	2.9	14.5	14.9	14.2	11.8	9.8
Bladen CC	453	8.0	2.5	10.5	11.2	13.1	11.8	8.5
Blue Ridge CC	993	10.1	3.9	14.0	14.1	14.1	12.6	12.2
Brunswick CC	823	11.1	1.6	12.7	12.1	12.1	10.6	6.8
Caldwell CC & TI	1,192	8.9	2.5	11.4	12.5	11.7	13.1	14.2
Cape Fear CC	1,137	17.6	5.6	23.2	25.0	24.6	29.6	26.8
Carteret CC	915	11.2	4.7	15.9	14.1	13.3	17.1	16.4
Catawba Vy. CC	1,561	13.6	6.0	19.6	18.7	16.6	13.7	12.6
C. Carolina CC	1,554	11.8	3.4	15.2	15.8	14.6	15.0	16.4
C. Piedmont CC	6,412	12.7	4.1	16.8	15.1	18.8	18.9	17.7
Cleveland CC	1,075	6.6	3.5	10.1	8.3	8.8	8.1	8.9
Coastal Car. CC	1,805	14.8	4.3	19.1	18.8	24.7	24.6	23.8
Col. Albemarle	1,090	11.4	3.5	14.9	13.5	13.1	12.6	10.7
Craven CC	1,424	10.2	2.0	12.2	11.2	11.4	14.7	12.2
Davidson Co. CC	1,409	10.6	3.1	13.7	13.9	10.7	11.6	10.2
Durham TCC	1,747	14.0	6.0	20.0	18.5	21.4	19.5	18.8
Edgecombe CC	1,094	9.0	3.1	12.1	11.6	7.3	7.0	7.6
Fayettev'le TCC	4,455	12.8	2.5	15.3	17.8	15.0	16.0	16.6
Forsyth TCC	3,706	6.6	2.8	9.4	13.0	13.5	13.3	13.5
Gaston Col.	2,742	10.1	3.4	13.5	14.6	12.2	11.4	11.4
Guilford TCC	4,524	11.4	4.0	15.4	15.2	15.8	15.1	14.7
Halifax CC	809	11.6	2.3	13.9	13.4	10.7	10.8	10.1
Haywood CC	862	9.7	2.9	12.6	11.2	11.6	12.7	13.2
Isothermal CC	1,135	8.1	3.1	11.2	11.5	11.0	8.9	9.5
J. Sprunt CC	717	8.5	1.8	10.3	11.2	10.2	9.8	9.9
Johnston CC	1,348	11.5	2.7	14.2	14.2	13.1	14.6	16.1
Lenoir CC	1,389	11.3	2.2	13.5	11.8	9.0	9.3	11.7

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Martin CC	570	9.3	1.7	11.0	10.2	8.0	6.9	6.5
Mayland CC	506	10.9	2.5	13.4	15.0	10.9	14.9	10.8
McDowell TCC	825	2.1	2.9	5.0	6.8	5.3	6.4	5.0
Mitchell CC	1,556	7.6	2.8	10.4	9.5	9.0	9.1	7.6
Montgomery CC	300	6.5	4.0	10.5	10.2	8.8	8.8	10.6
Nash CC	1,140	9.1	5.2	14.3	12.9	10.1	9.8	11.2
Pamlico CC	196	8.3	2.9	11.2	8.9	9.1	8.9	9.2
Piedmont CC	575	7.8	3.7	11.5	11.6	10.9	11.0	11.2
Pitt CC	1,266	18.8	4.6	23.4	23.9	22.5	22.2	20.7
Randolph CC	1,038	8.8	3.9	12.7	13.0	14.3	14.4	14.5
Richmond CC	939	9.8	3.0	12.8	13.2	10.6	9.5	10.3
Roanoke-Cho. CC	610	10.2	1.3	11.5	9.5	10.0	9.0	8.5
Robeson CC	1,023	11.5	4.2	15.7	16.1	11.6	10.2	6.8
Rockingham CC	1,584	10.1	3.1	13.2	13.0	11.5	10.1	10.1
Rowan-Cab. CC	2,530	6.9	4.0	10.9	10.7	10.9	12.1	10.4
Sampson CC	733	10.7	3.0	13.7	14.3	13.9	14.3	11.5
Sandhills CC	2,101	8.7	0.5	9.2	12.4	11.2	13.2	13.7
Southeastern CC	1,568	9.5	1.1	10.6	9.2	10.9	10.3	9.8
Southwestern CC	881	12.2	1.6	13.8	12.9	13.1	8.3	7.2
Stanly CC	751	9.9	2.8	12.7	11.0	10.7	10.1	9.9
Surry CC	948	14.5	5.1	19.6	21.6	21.9	18.9	15.9
Tri-County CC	765	5.2	4.3	9.5	7.9	9.8	6.4	8.2
Vance-Granv. CC	1,141	9.8	3.1	12.9	11.6	11.8	11.7	10.2
Wake TCC	3,008	13.4	2.6	16.0	15.5	16.6	15.2	14.1
Wayne CC	1,740	12.7	3.1	15.8	13.2	12.9	10.0	14.5
W. Piedmont CC	1,160	9.7	4.4	14.1	16.1	17.9	15.2	18.0
Wilkes CC	1,501	9.8	1.8	11.6	14.4	14.9	13.3	15.1
Wilson TCC	729	6.9	2.8	9.7	11.5	10.9	12.0	12.2
TOTAL	83,883	10.7	3.3	14.0	14.4	13.7	13.3	12.9

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

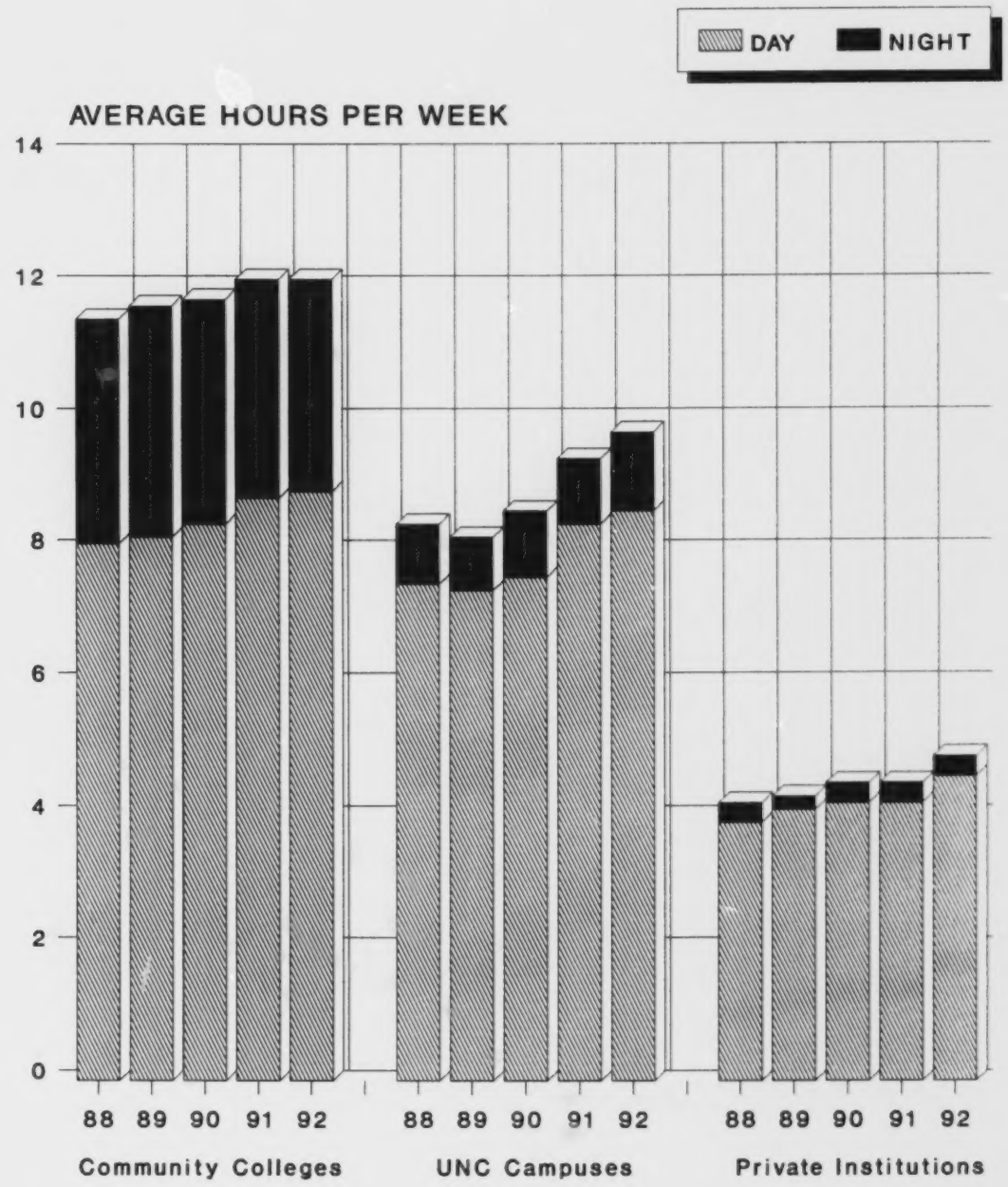


Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Research Universities I:								
NC State	5,353	9.5	1.1	10.6	11.0	8.9	9.0	9.9
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,699	8.8	1.6	10.4	11.2	9.8	9.3	11.7
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	8,052	9.2	1.3	10.5	11.0	9.2	9.1	10.5
Doctoral Granting Universities I:								
UNC-Greensboro	1,692	9.8	0.8	10.6	10.2	10.3	9.6	9.1
Comprehensive I Universities:								
Appalachian	2,307	9.8	0.9	10.7	10.0	10.4	10.8	10.3
East Carolina	3,272	9.6	1.5	11.1	10.0	9.1	9.7	9.6
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,124	5.6	1.3	6.9	6.2	7.6	5.5	5.8
NC A & T	2,173	7.7	1.1	8.8	7.0	6.1	3.5	4.1
NC Central	1,433	3.9	0.5	4.4	4.6	4.6	5.3	2.5
UNC-Charlotte	2,631	11.0	2.0	13.0	13.7	13.6	13.6	13.5
UNC-Wilmington	941	14.1	2.1	16.2	16.6	13.5	14.5	12.9
West'n Carolina	1,523	7.1	0.7	7.8	7.3	5.9	5.2	5.3
SUBTOTAL	15,404	8.8	1.3	10.1	9.5	9.1	8.2	8.0
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	1,119	6.4	1.2	7.6	6.0	5.7	5.5	6.5
Pembroke	791	4.5	0.1	4.6	4.1	5.0	6.3	5.6
UNC-Asheville	873	5.3	0.9	6.2	5.4	4.6	5.2	4.8
Winston-Salem	689	3.8	1.0	4.8	5.3	5.3	4.1	3.6
SUBTOTAL	3,472	5.2	0.8	6.0	5.3	5.2	5.2	5.1

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Specialized Institution:								
NC Sch. of Arts	977	9.1	0.4	9.5	9.4	7.0	9.1	10.1
Community Colleges:								
SUBTOTAL	49,490	8.9	3.2	12.1	12.1	11.8	11.7	11.5
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	2,394	4.6	0.3	4.9	4.9	4.1	4.0	5.6
Gen. Baccalaureate Colleges:								
SUBTOTAL	13,892	4.6	0.3	4.9	4.5	4.6	4.5	4.1
Junior Colleges:								
SUBTOTAL	1,138	4.7	0.1	4.8	3.7	4.3	3.9	4.2
GRAND TOTAL	96,511	8.0	2.1	10.1	9.9	9.5	9.2	9.2

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Alamance CC	1,076	11.0	3.6	14.6	15.6	12.9	12.0	13.9
Anson CC	332	7.0	4.4	11.4	9.5	9.7	8.8	8.2
Ashev'le-Bun. TCC	1,201	7.7	3.4	11.1	10.8	11.2	10.8	10.9
Beaufort Co. CC	549	14.7	4.9	19.6	13.9	13.5	9.4	8.5
Bladen CC	451	7.6	3.3	10.9	12.6	9.4	8.4	9.7
Blue Ridge CC	607	8.0	4.6	12.6	13.2	13.5	11.9	12.4
Brunswick CC	362	7.9	3.0	10.9	11.3	10.2	9.9	6.5
Caldwell CC & TI	718	8.7	3.6	12.3	13.2	11.4	11.5	14.2
Cape Fear CC	897	14.2	4.4	18.6	18.6	18.7	19.2	20.6
Carteret CC	649	7.6	3.8	11.4	10.0	10.4	11.3	11.6
Catawba Vy. CC	1,179	10.9	4.8	15.7	16.3	15.5	13.1	12.0
C. Carolina CC	1,171	8.1	2.4	10.5	11.1	11.4	10.9	11.0
C. Piedmont CC	3,279	12.1	3.6	15.7	14.6	15.5	17.9	16.3
Cleveland CC	1,041	4.3	4.1	8.4	6.8	7.6	7.6	7.8
Coastal Car. CC	981	12.3	4.0	16.3	15.1	16.1	17.1	14.6
Col. Albemarle	743	8.1	2.0	10.1	8.9	8.4	8.6	8.2
Craven CC	833	11.8	3.1	14.9	14.3	10.7	13.9	15.6
Davidson Co. CC	788	7.3	2.8	10.1	10.4	10.3	10.0	9.1
Durham TCC	983	9.8	5.3	15.1	14.0	14.1	14.1	15.1
Edgecombe CC	677	7.5	3.2	10.7	10.5	8.1	7.1	6.7
Fayettev'le TCC	1,633	8.2	1.5	9.7	11.4	10.9	11.7	12.0
Forsyth TCC	1,622	7.5	4.0	11.5	14.2	13.7	13.9	12.6
Gaston Col.	1,560	6.9	3.3	10.2	9.2	7.6	7.5	8.2
Guilford TCC	2,413	8.5	3.1	11.6	12.1	14.3	12.8	12.5
Halifax CC	561	10.5	2.3	12.8	11.3	7.7	10.0	10.1
Haywood CC	1,151	9.8	2.2	12.0	13.0	11.2	12.7	13.5
Isothermal CC	862	8.6	3.6	12.2	12.2	11.0	11.3	13.8
J. Sprunt CC	453	9.3	2.2	11.5	12.3	9.6	9.1	8.5
Johnston CC	1,042	6.4	1.8	8.2	8.2	9.1	8.8	9.5
Lenoir CC	583	9.8	2.6	12.4	12.4	10.8	10.2	9.9

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1992	1991	1990	1989	1988
Community Colleges:								
Martin CC	744	8.2	2.0	10.2	9.9	10.3	7.2	7.4
Mayland CC	215	12.5	3.1	15.6	13.6	14.8	11.7	13.2
McDowell TCC	598	5.5	4.8	10.3	15.3	12.1	11.0	11.5
Mitchell CC	920	6.0	3.0	9.0	10.2	8.9	9.3	10.3
Montgomery CC	346	8.3	3.9	12.2	13.8	15.6	13.2	13.7
Nash CC	519	7.8	3.9	11.7	13.9	17.5	13.3	12.7
Pamlico CC	115	7.4	5.5	12.9	9.5	10.5	12.3	12.2
Piedmont CC	447	7.2	4.8	12.0	8.8	8.6	8.9	8.6
Pitt CC	858	13.6	2.7	16.3	16.3	15.0	15.3	15.8
Randolph CC	817	9.0	2.7	11.7	11.7	13.7	14.2	13.0
Richmond CC	513	6.0	3.1	9.1	10.3	8.9	10.3	8.3
Roanoke-Cho. CC	424	7.2	1.9	9.1	6.4	7.4	6.8	7.0
Robeson CC	1,022	5.0	3.4	8.4	8.1	9.0	8.1	6.5
Rockingham CC	897	7.9	2.8	10.7	10.2	8.5	9.1	8.3
Rowan-Cab. CC	887	7.2	4.1	11.3	11.1	11.8	11.3	11.2
Sampson CC	576	7.9	3.1	11.0	10.0	10.2	8.3	8.5
Sandhills CC	956	6.6	1.2	7.8	9.6	9.3	9.4	11.5
Southeastern CC	701	6.5	1.0	7.5	7.9	6.1	9.1	7.8
Southwestern CC	604	8.1	2.5	10.6	9.5	8.5	5.7	4.3
Stanly CC	739	5.9	1.5	7.4	8.5	8.9	7.1	6.6
Surry CC	753	13.3	4.8	18.1	18.0	16.1	15.6	17.3
Tri-County CC	361	6.4	4.9	11.3	10.0	9.0	10.1	10.1
Vance-Granv. CC	907	11.9	4.7	16.6	11.4	17.4	15.2	10.8
Wake TCC	968	13.6	4.8	18.4	19.0	17.1	16.8	15.2
Wayne CC	1,015	10.4	1.9	12.3	10.6	9.1	9.9	12.6
W. Piedmont CC	599	9.5	3.9	13.4	15.0	15.4	17.6	16.5
Wilkes CC	861	8.4	1.4	9.8	9.9	9.6	9.5	11.4
Wilson TCC	731	8.5	4.1	12.6	11.1	10.5	11.1	11.4
TOTAL	49,490	8.9	3.2	12.1	12.1	11.8	11.7	11.5

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

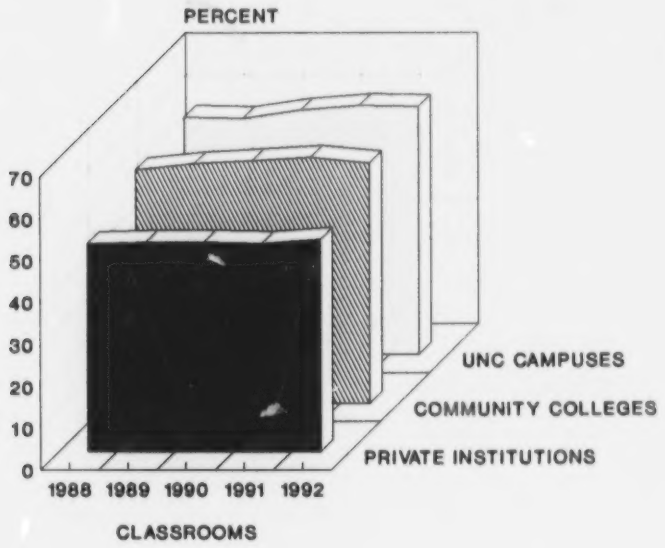
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is usually less than 60%.

PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) =

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



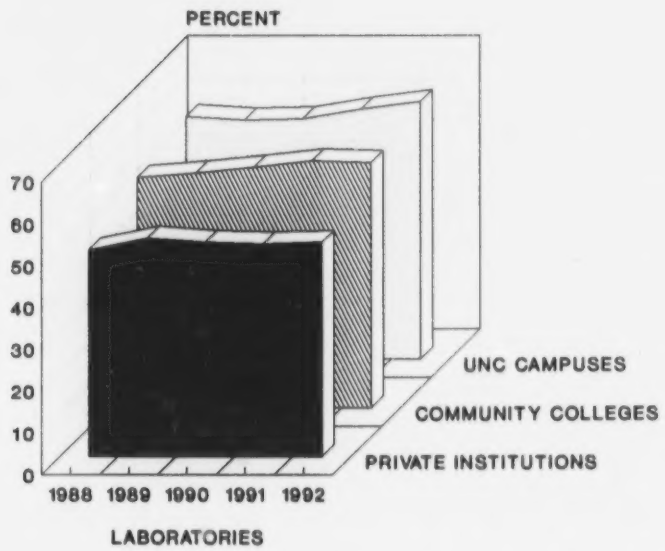


Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988
Research Universities I:										
NC State	63.2	63.2	62.6	60.5	58.9	75.6	75.8	73.3	71.4	70.1
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	58.3	62.0	64.5	58.7	60.5	59.2	59.0	54.4	48.0	61.3
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	61.0	62.7	63.5	59.7	59.7	69.2	69.0	64.7	60.8	66.7
Doctoral Granting Universities I:										
UNC-Greensboro	61.7	61.3	63.6	61.0	62.9	56.7	53.6	58.5	58.0	54.6
Comprehensive I Universities:										
Appalachian	58.1	58.1	58.1	58.5	57.7	58.5	59.0	62.3	61.8	60.4
East Carolina	62.2	58.2	56.2	54.7	58.1	62.6	58.4	53.0	56.1	62.6
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	46.9	49.7	50.7	49.1	45.0	55.7	54.8	54.6	50.7	47.4
NC A & T	68.1	64.9	53.3	50.8	49.7	61.6	50.2	40.4	45.7	44.7
NC Central	54.2	53.0	54.4	55.7	49.4	58.2	57.6	63.3	69.4	52.5
UNC-Charlotte	62.2	66.8	59.9	57.4	58.2	61.2	63.6	62.6	59.9	63.9
UNC-Wilmington	64.7	65.9	58.0	60.2	59.8	68.0	69.6	59.9	66.6	65.3
West'n Carolina	58.6	57.6	56.7	50.4	52.1	43.2	41.9	40.4	38.4	37.7
SUBTOTAL	60.4	60.2	56.8	55.5	55.5	59.4	57.6	54.8	56.3	56.8
Comprehensive II and Liberal Arts I Universities:										
Elizabeth City	46.4	44.4	45.6	48.2	49.8	54.2	43.5	49.1	39.3	40.2
Pembroke	51.3	50.4	50.1	54.5	55.6	61.0	57.3	57.3	61.8	48.7
UNC-Asheville	50.8	49.2	51.7	44.7	44.9	53.1	51.5	51.8	57.3	44.5
Winston-Salem	43.8	41.7	43.8	44.4	46.9	49.2	45.9	52.2	48.7	43.4
SUBTOTAL	48.2	46.5	48.0	47.7	48.9	54.1	48.0	51.9	50.3	43.9

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988
Specialized Institution:										
NC Sch. of Arts	57.5	55.2	58.4	53.4	50.8	65.3	62.9	60.9	54.9	56.1
Community Colleges:										
SUBTOTAL	57.4	58.8	58.0	57.2	55.7	58.6	59.0	57.6	56.2	55.1
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	55.0	52.2	50.3	50.5	51.5	66.3	65.6	71.8	65.9	56.3
Gen. Baccalaureate Colleges:										
SUBTOTAL	49.2	48.9	49.4	49.1	48.2	49.6	49.2	49.1	51.3	48.5
Junior Colleges:										
SUBTOTAL	55.6	52.7	58.1	60.3	59.4	48.5	46.9	49.8	47.4	51.0
GRAND TOTAL	56.9	57.3	56.5	55.3	54.8	58.7	58.5	57.0	56.1	55.4

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988
Community Colleges:										
Alamance CC	47.6	44.7	50.2	47.0	46.2	52.4	55.3	49.3	47.1	47.4
Anson CC	50.4	49.4	43.8	45.7	45.7	46.8	45.2	40.7	38.2	34.7
Ashev'le-Bun. TCC	59.1	57.5	62.6	57.3	57.8	57.0	56.7	59.2	62.7	63.4
Beaufort Co. CC	60.0	51.7	54.8	51.3	46.1	71.8	61.0	58.7	50.6	44.4
Bladen CC	49.1	50.6	53.0	61.5	63.1	59.1	56.4	53.6	47.4	59.9
Blue Ridge CC	49.8	49.8	60.7	63.6	57.6	50.0	50.9	49.6	46.9	45.2
Brunswick CC	64.4	57.2	52.0	58.3	48.6	60.0	61.1	62.6	57.5	61.2
Caldwell CC & TI	49.8	53.7	52.0	58.9	54.2	61.6	63.8	54.0	54.1	58.5
Cape Fear CC	70.9	73.5	70.4	90.0	87.3	70.9	72.5	80.1	74.5	81.7
Carteret CC	60.8	59.1	55.0	62.2	60.0	60.9	59.1	61.1	52.3	56.0
Catawba Vy. CC	63.9	63.6	61.8	59.1	64.7	65.5	68.0	69.2	62.5	65.5
C. Carolina CC	56.9	55.5	55.5	52.6	55.9	60.7	58.6	57.7	56.9	55.1
C. Piedmont CC	62.9	62.6	62.3	65.1	56.9	52.5	51.0	51.9	54.3	44.0
Cleveland CC	52.4	49.3	50.2	48.5	49.6	53.8	53.1	55.2	54.8	50.4
Coastal Car. CC	64.1	64.1	69.1	68.8	65.0	69.0	65.5	61.6	63.5	60.8
Col. Albemarle	56.0	54.8	59.2	56.9	50.8	56.0	52.9	54.4	49.1	51.4
Craven CC	54.1	56.7	53.4	49.0	48.3	55.5	57.1	52.6	54.0	55.5
Davidson Co. CC	53.5	58.7	52.9	54.9	51.2	56.7	60.8	57.5	57.9	54.9
Durham TCC	64.3	62.8	63.8	62.5	61.1	64.1	58.8	58.5	57.3	64.9
Edgecombe CC	70.0	65.9	51.4	43.8	46.9	68.8	63.4	54.2	45.9	43.7
Fayettev'le TCC	53.5	54.1	46.1	48.3	53.5	58.8	58.0	52.5	55.9	58.2
Forsyth TCC	58.3	62.9	61.0	58.7	55.2	62.9	67.9	64.9	66.8	64.1
Gaston Col.	51.4	59.4	64.1	58.6	58.5	59.1	63.4	60.7	62.1	60.1
Guilford TCC	67.2	67.9	67.1	62.4	60.2	70.1	69.2	68.1	66.6	65.5
Halifax CC	54.0	54.2	52.4	48.5	46.3	43.6	39.6	41.1	38.1	41.1
Haywood CC	48.7	50.4	50.8	52.3	53.1	59.1	59.7	60.3	57.1	56.3
Isothermal CC	54.5	55.6	51.5	55.3	52.4	57.0	56.2	51.3	51.3	53.9
J. Sprunt CC	57.9	72.3	58.3	56.7	53.5	52.6	52.1	41.2	45.7	39.9
Johnston CC	60.4	62.0	58.4	57.1	61.1	49.6	54.2	55.3	54.5	54.4
Lenoir CC	63.2	61.1	50.0	58.5	60.9	61.4	58.8	50.9	55.2	57.8

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988
Community Colleges:										
Martin CC	62.3	54.5	45.4	49.6	45.1	57.8	55.2	54.7	44.4	39.4
Mayland CC	54.6	58.4	52.0	57.1	39.8	61.9	63.2	54.2	49.0	61.9
McDowell TCC	31.3	34.4	46.7	45.4	40.4	43.7	65.5	56.5	50.6	48.5
Mitchell CC	51.8	59.2	57.1	56.5	57.0	49.7	56.4	49.4	52.1	63.5
Montgomery CC	44.1	52.0	48.5	45.3	47.7	54.9	57.5	60.9	56.1	55.6
Nash CC	54.0	61.4	53.6	52.1	52.8	69.4	75.3	83.9	68.8	70.8
Pamlico CC	40.7	34.1	38.4	38.4	52.6	56.0	46.5	46.7	50.4	51.3
Piedmont CC	68.0	70.8	72.7	66.5	73.6	49.2	49.4	46.8	47.8	54.2
Pitt CC	64.8	70.6	68.2	60.8	56.2	65.7	65.5	61.3	48.0	52.6
Randolph CC	68.9	72.1	67.3	74.8	72.4	64.1	66.8	65.3	70.1	71.9
Richmond CC	56.6	62.9	60.2	59.1	53.7	60.8	62.7	59.5	66.3	49.6
Roanoke-Cho. CC	56.4	51.0	56.6	47.2	53.4	60.1	48.4	48.8	54.7	55.4
Robeson CC	52.9	62.8	55.7	54.2	54.4	45.8	48.4	54.0	50.6	51.0
Rockingham CC	56.3	55.8	53.1	53.6	56.6	45.8	46.1	48.8	47.5	45.6
Rowan-Cab. CC	50.8	49.9	49.9	50.5	46.5	59.5	62.6	61.3	59.5	59.5
Sampson CC	53.3	57.8	56.2	53.0	51.4	49.3	45.5	51.8	52.0	48.7
Sandhills CC	56.1	57.4	53.6	58.3	54.2	59.0	62.0	56.7	53.8	58.7
Southeastern CC	58.2	61.6	62.0	63.4	53.6	57.7	58.7	62.2	62.7	55.0
Southwestern CC	63.5	62.8	57.2	44.4	47.1	87.1	72.2	68.5	59.7	52.8
Stanly CC	48.4	46.6	48.8	44.2	42.8	40.7	45.8	42.2	40.4	33.7
Surry CC	68.8	70.7	71.6	68.0	66.6	65.9	72.1	66.2	63.1	65.8
Tri-County CC	46.8	47.6	52.2	46.7	51.5	74.5	68.6	64.2	60.9	54.5
Vance-Granv. CC	50.8	52.3	49.6	53.5	44.5	67.6	59.7	63.0	56.3	53.2
Wake TCC	54.6	57.8	59.8	57.7	55.2	68.0	70.4	67.2	67.8	66.5
Wayne CC	64.8	59.5	56.1	48.2	55.5	66.6	68.2	62.9	60.0	61.4
W. Piedmont CC	50.4	59.8	61.4	60.7	57.5	63.9	63.1	63.5	65.4	60.0
Wilkes CC	43.7	51.9	53.9	54.2	59.7	43.0	53.9	49.2	54.9	51.8
Wilson TCC	51.9	56.0	55.4	55.6	57.1	61.4	51.0	52.1	46.5	44.2
TOTAL	57.4	58.8	58.0	57.2	55.7	58.6	59.0	57.6	56.2	55.1

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room use code structure is presented on page 118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	14
Community/Technical Colleges	19
By Level:	
Major Research Universities	15
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	19
All North Carolina Institutions	16

Table 8

Student Clock Hours of Instruction

INSTITUTION	1992			1991			1990		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Research Universities I:									
NC State	272,222.0	56,622.5	20,023.5	274,115.5	57,400.0	20,037.5	278,032.0	44,386.5	23,864.0
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	212,516.5	28,013.0	10,764.0	222,389.5	29,994.0	10,234.0	236,928.5	27,836.0	11,694.0
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	484,738.5	84,635.5	30,787.5	496,505.0	87,394.0	30,271.5	514,960.5	72,222.5	35,558.0
Doctoral Granting Universities I:									
UNC-Greensboro	115,198.0	17,954.5	13,447.0	115,047.5	16,724.5	12,521.0	115,974.5	16,703.5	13,837.5
Comprehensive I Universities:									
Appalachian	140,053.5	24,892.0	270.0	133,476.5	23,362.0	3,502.5	133,472.0	24,186.0	2,671.0
East Carolina	174,010.5	36,258.0	11,616.0	162,900.0	30,934.5	13,081.0	151,524.5	30,663.5	8,920.0
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	39,606.0	7,753.0	3,004.0	36,617.0	6,981.0	3,757.0	29,362.0	9,219.0	4,351.0
NC A & T	90,006.0	19,092.5	4,104.0	83,830.0	16,440.5	6,849.5	67,738.5	14,630.0	4,352.0
NC Central	59,436.0	6,393.5	5,089.5	57,637.0	6,449.5	4,821.0	60,515.5	6,152.5	5,009.5
UNC-Charlotte	152,068.5	34,065.5	10,830.0	150,554.5	36,945.0	5,876.5	143,398.0	37,246.5	5,027.0
UNC-Wilmington	89,789.0	15,235.5	3,972.0	93,733.5	14,255.0	3,689.0	80,934.5	12,296.0	4,018.0
West'n Carolina	69,421.0	11,915.5	10,637.0	65,032.5	11,203.5	11,453.5	59,644.0	8,604.0	6,882.0
SUBTOTAL	814,390.5	155,605.5	49,522.5	783,781.0	146,571.0	53,030.0	726,589.0	142,997.5	41,230.5
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	22,087.0	8,506.5	3,722.0	20,160.0	6,719.5	2,902.5	20,102.5	6,379.0	3,032.5
Pembroke	30,115.0	3,612.5	3,632.5	29,405.5	3,243.0	3,042.0	30,030.0	3,723.5	2,673.0
UNC-Asheville	34,960.5	5,449.5	2,628.0	33,693.5	5,029.5	2,556.5	33,843.0	4,754.0	2,708.0
Winston-Salem	28,735.0	3,333.0	3,824.5	28,777.5	3,341.0	4,917.5	28,523.5	3,464.0	3,248.5
SUBTOTAL	115,897.5	20,901.5	13,807.0	112,036.5	18,332.5	13,418.5	112,499.0	18,320.5	11,662.0
Specialized Institution:									
NC Sch. of Arts	6,561.5	9,220.5	1,572.5	6,216.0	8,962.5	1,406.5	5,770.5	8,006.0	2,438.5
Community Colleges:									
SUBTOTAL	1,173,988.0	602,870.0	119,946.5	1,139,114.0	598,285.5	127,585.5	1,066,260.0	561,665.0	138,219.5
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	166,342.0	11,675.5	22,658.0	154,845.0	12,359.0	24,866.5	158,908.5	9,936.5	20,059.0
Gen. Baccalaureate Colleges:									
SUBTOTAL	446,426.0	68,233.0	38,911.5	431,473.5	69,139.5	40,766.5	428,874.5	69,864.5	40,349.5
Junior Colleges:									
SUBTOTAL	31,228.0	5,444.0	2,960.5	41,712.0	7,653.0	3,837.5	45,584.0	8,621.0	4,669.5
GRAND TOTAL	3,354,770.0	976,540.0	293,613.0	3,280,730.5	955,421.5	307,693.5	3,165,420.5	898,237.0	308,024.0

Table 8

Student Clock Hours of Instruction

INSTITUTION	1992			1991			1990		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	25,043.0	15,668.0	1,808.5	22,896.5	16,799.5	3,093.5	24,421.0	13,892.5	2,153.0
Anson CC	2,808.0	3,781.5	981.0	2,573.5	3,474.0	1,950.0	3,029.5	2,994.0	1,170.0
Asheville-Bun. TCC	38,408.0	13,309.5	3,999.5	38,507.5	12,912.5	2,503.0	38,498.5	11,840.0	3,831.0
Beaufort Co. CC	12,653.0	10,755.5	1,127.0	11,681.0	6,706.0	1,752.0	11,042.5	6,508.5	566.5
Bladen CC	4,796.0	4,921.0	0.0	4,843.5	5,425.5	0.0	5,542.5	4,300.5	438.0
Blue Ridge CC	13,935.0	7,647.0	752.0	14,095.5	8,009.0	290.0	13,644.5	7,789.0	351.0
Brunswick CC	10,466.5	3,926.0	1,053.0	9,124.0	3,309.0	1,205.0	9,137.0	3,029.0	776.0
Caldwell CC & TI	13,612.0	8,803.5	811.0	14,815.5	9,007.5	1,215.0	12,634.5	7,996.5	3,453.0
Cape Fear CC	26,351.0	16,667.0	1,103.0	22,363.0	16,878.0	2,353.0	21,929.5	16,985.0	2,856.0
Carteret CC	14,511.0	7,341.0	486.0	14,287.5	6,582.0	116.0	13,211.0	7,286.0	703.0
Catawba Vy. CC	30,662.0	18,509.0	8,149.0	29,663.0	18,857.0	6,906.5	26,358.0	17,261.0	2,780.0
C. Carolina CC	23,638.5	12,256.0	1,023.0	19,427.5	12,314.0	1,336.0	14,576.5	10,706.0	1,292.5
C. Piedmont CC	107,551.0	51,298.5	9,477.0	98,313.5	49,347.5	14,077.0	108,000.0	49,273.0	17,397.0
Cleveland CC	10,779.0	8,693.5	563.0	9,471.0	6,630.5	2,184.0	10,238.0	7,142.5	2,564.0
Coastal Car. CC	34,504.0	15,998.0	1,802.0	33,963.0	15,164.0	1,498.0	30,427.5	15,126.0	2,620.0
Col. Albemarle	16,290.0	7,516.0	5,683.0	14,792.5	6,587.5	4,735.5	14,302.0	6,491.5	4,624.5
Craven CC	17,327.5	12,451.5	5,387.0	17,282.0	12,789.0	5,322.0	15,784.5	9,814.0	3,382.0
Davidson Co. CC	19,338.0	8,005.0	1,827.5	20,491.0	7,794.5	1,263.0	16,883.5	8,215.0	933.5
Durham TCC	34,928.5	14,810.5	842.5	31,789.0	14,041.5	4,601.0	31,529.5	14,049.5	4,822.0
Edgecombe CC	13,203.0	7,254.5	201.0	12,713.5	7,065.0	12.0	8,863.0	5,776.0	406.0
Fayettev'le TCC	68,150.0	15,763.0	4,053.5	60,647.0	18,204.0	4,119.0	42,382.0	16,608.0	701.0
Forsyth TCC	34,867.5	18,682.0	2,937.0	40,763.0	21,263.5	3,376.0	38,170.0	18,224.0	4,465.0
Gaston Col.	37,077.0	15,907.5	1,707.5	39,165.0	14,286.5	2,133.0	29,621.5	9,798.5	8,859.0
Guilford TCC	69,861.5	28,061.5	3,960.5	68,777.0	28,940.5	2,352.0	66,902.0	30,853.5	2,082.0
Halifax CC	11,267.0	7,161.0	2,643.0	10,552.0	6,372.0	3,462.0	8,830.5	3,852.0	4,630.0
Haywood CC	10,840.0	13,775.0	2,565.0	9,847.5	16,561.5	1,397.5	9,488.5	13,837.0	1,091.0
Isothermal CC	12,669.5	10,512.5	4,830.0	13,052.5	9,969.5	4,587.0	15,057.0	9,395.0	3,511.5
J. Sprunt CC	7,403.0	5,216.5	1,111.0	7,284.5	6,059.5	1,635.0	6,632.5	4,747.0	743.0
Johnston CC	19,226.5	8,515.5	3,555.0	18,982.0	8,521.5	1,041.0	17,200.5	7,454.0	1,122.0
Lenoir CC	18,647.5	7,248.5	2,141.5	19,959.0	11,129.0	3,826.5	14,608.0	9,485.5	6,168.5
Martin CC	6,278.0	7,625.5	615.0	6,013.5	7,086.5	1,484.0	4,354.0	7,340.0	2,279.0
Mayland CC	6,751.5	3,353.0	1,285.0	7,621.5	3,059.5	183.0	5,525.5	3,192.0	1,561.0
McDowell TCC	4,143.5	6,132.5	1,150.5	5,363.5	8,848.5	705.5	3,641.0	6,848.5	470.5
Mitchell CC	16,274.0	8,260.0	2,141.0	15,553.5	8,512.0	2,256.5	14,711.5	7,508.5	3,141.0
Montgomery CC	3,133.0	4,244.0	240.0	2,440.0	4,956.0	552.0	2,253.0	5,111.0	710.0
Nash CC	16,311.5	6,095.5	3.0	17,101.5	7,223.0	102.0	13,558.5	9,067.0	30.0
Pamlico CC	2,210.5	1,492.0	48.0	1,681.5	1,145.0	18.0	1,731.0	1,269.0	30.0
Piedmont CC	6,563.5	5,369.0	1,969.0	6,547.0	4,107.5	859.0	5,544.0	3,677.0	508.0
Pitt CC	29,719.5	13,963.5	6,298.0	30,612.0	13,422.0	4,922.0	30,087.0	13,219.5	4,056.0
Randolph CC	13,217.5	9,603.5	2,047.5	13,721.0	9,513.5	1,822.0	12,462.5	9,919.0	1,771.5
Richmond CC	12,079.0	4,706.0	2,053.0	12,247.0	5,046.5	1,837.0	9,407.0	4,768.5	1,419.0
Roanoke-Cho. CC	8,986.5	3,856.5	1,177.5	6,528.5	2,839.5	1,489.5	6,863.5	3,264.0	1,167.0
Robeson CC	16,123.5	8,535.0	945.0	15,837.5	8,789.5	1,045.5	11,518.0	9,732.5	814.0
Rockingham CC	20,893.5	9,609.5	784.0	19,868.5	9,776.0	832.0	17,656.5	8,195.0	435.0
Rowan-Cab. CC	27,633.0	10,035.5	497.0	24,458.5	10,513.0	1,653.0	20,769.5	10,274.5	479.0
Sampson CC	10,084.0	6,336.0	1,392.5	10,589.5	5,977.5	626.5	10,119.5	5,880.5	720.0
Sandhills CC	19,368.0	7,468.0	1,123.0	23,723.0	9,263.0	3,161.0	22,147.0	8,855.5	3,155.0
Southeastern CC	16,728.0	5,243.0	2,552.5	13,270.5	6,205.0	1,303.0	13,186.0	4,992.0	5,742.0
Southwestern CC	12,171.0	6,386.0	2,247.0	11,901.0	5,624.0	1,609.5	11,979.0	4,826.5	2,747.0
Stanly CC	9,524.0	5,475.0	1,312.0	9,921.0	5,182.0	842.0	8,983.0	5,620.5	326.0
Surry CC	18,592.0	13,585.5	3,688.0	20,240.5	13,380.5	3,771.5	20,193.5	11,611.0	3,337.0
Tri-County CC	7,247.0	4,072.0	908.5	6,040.5	3,608.5	1,395.5	7,687.5	3,535.0	972.5
Vance-Granv. CC	14,698.5	15,050.5	139.0	13,612.5	10,363.0	0.0	12,137.0	14,275.5	189.0
Wake TCC	48,170.0	17,788.0	2,370.0	44,186.0	17,332.5	2,109.0	40,252.0	14,982.5	2,195.0
Wayne CC	27,477.0	12,459.0	952.0	27,322.0	11,259.5	575.0	26,753.0	10,088.0	476.0
W. Piedmont CC	16,329.0	8,004.0	1,953.5	16,650.0	8,647.0	3,810.0	18,267.0	8,530.5	5,084.0
Wilkes CC	17,416.0	8,464.5	2,345.0	17,343.5	6,912.5	2,412.0	17,962.0	6,675.5	2,467.0
Wilson TCC	7,051.0	9,202.0	1,130.0	7,296.0	8,691.5	1,848.0	7,565.0	7,576.0	1,487.0
TOTAL	1,173,988.0	602,870.0	119,946.5	1,139,114.0	598,285.5	127,585.5	1,056,260.0	561,565.0	138,219.5

TABLE 9:
SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.89:

$$\text{Classroom Space Factor} = \frac{16}{30 \text{ X } .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{17}{22.6 \text{ X } .569} = 1.32$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Table 9

Space Factors

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988
Research Universities I:															
NC State	0.74	0.74	0.72	0.74	0.75	4.29	4.18	6.11	5.98	5.61	1.35	1.34	1.46	1.50	1.48
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1.00	0.96	0.87	0.91	0.91	3.24	3.09	3.39	3.53	3.23	1.26	1.21	1.14	1.18	1.14
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.86	0.84	0.79	0.82	0.82	3.94	3.81	5.06	5.10	4.77	1.31	1.28	1.32	1.36	1.33
Doctoral Granting Universities I:															
UNC-Greensboro	0.95	0.97	0.97	1.04	1.01	3.84	4.02	3.69	3.94	3.96	1.34	1.36	1.31	1.47	1.47
Comprehensive I Universities:															
Appalachian	1.13	1.18	1.19	1.01	1.05	3.65	3.92	3.78	3.74	3.95	1.51	1.58	1.59	1.44	1.51
East Carolina	0.98	1.07	1.19	1.24	1.16	3.72	3.92	4.49	4.34	4.44	1.45	1.53	1.75	1.77	1.79
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.55	1.67	1.31	1.47	1.42	4.07	4.52	3.51	4.88	4.66	1.97	2.12	1.84	2.16	2.11
NC A & T	1.08	1.26	1.49	1.79	2.10	3.65	4.47	5.22	8.67	8.13	1.53	1.79	2.16	3.04	3.27
NC Central	1.66	1.71	1.63	1.77	2.04	7.42	7.17	7.52	6.71	14.68	2.22	2.26	2.18	2.31	2.85
UNC-Charlotte	0.58	0.58	0.63	0.63	0.67	2.59	2.46	2.49	2.71	2.76	0.94	0.95	1.01	1.07	1.08
UNC-Wilmington	0.68	0.65	0.77	0.77	0.74	2.28	2.11	2.42	2.35	2.64	0.91	0.85	0.99	0.98	0.99
West'n Carolina	1.23	1.31	1.45	1.52	1.37	4.79	5.09	6.80	7.87	7.24	1.75	1.87	2.12	2.25	2.09
SUBTOTAL	1.01	1.06	1.12	1.15	1.18	3.56	3.70	3.95	4.42	4.64	1.42	1.48	1.59	1.70	1.75
Comprehensive II and Liberal Arts I Universities:															
Elizabeth City	1.75	1.92	1.92	1.50	1.52	5.05	6.39	6.73	7.05	6.01	2.67	3.03	3.08	2.46	2.42
Pembroke	1.56	1.60	1.62	1.61	1.71	6.86	7.63	6.52	4.29	4.69	2.13	2.20	2.16	1.82	2.10
UNC-Asheville	1.30	1.39	1.41	1.04	0.98	5.27	6.10	6.95	6.58	7.23	1.84	2.00	2.10	1.89	1.85
Winston-Salem	2.21	2.08	2.10	2.21	2.15	5.98	5.62	5.67	7.26	8.23	2.60	2.45	2.49	2.69	2.61
SUBTOTAL	1.68	1.72	1.73	1.56	1.58	5.56	6.39	6.55	6.31	6.33	2.27	2.38	2.41	2.18	2.22
Specialized Institution:															
NC Sch. of Arts	2.34	2.47	3.38	2.23	2.60	7.48	7.65	10.11	7.83	6.27	5.34	5.53	7.29	5.64	5.16
Community Colleges:															
SUBTOTAL	1.43	1.42	1.43	1.50	1.56	4.31	4.40	4.52	4.50	4.54	2.40	2.44	2.51	2.58	2.66
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.26	1.36	1.34	1.34	1.35	7.14	7.06	8.65	8.87	5.99	1.65	1.78	1.77	1.78	1.51
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.71	1.69	1.69	1.66	1.67	6.92	7.43	7.32	7.56	8.15	2.40	2.38	2.38	2.36	2.41
Junior Colleges:															
SUBTOTAL	1.87	2.18	1.91	1.82	1.99	7.62	10.28	8.92	9.47	8.64	2.73	3.44	3.02	2.88	3.00
GRAND TOTAL	1.27	1.28	1.29	1.32	1.34	4.44	4.57	4.83	4.89	4.90	1.98	2.02	2.07	2.12	2.15

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988	1992	1991	1990	1989	1988
Community Colleges:															
Alamance CC	1.10	1.18	1.11	1.27	0.90	2.83	2.64	3.19	3.42	2.94	1.77	1.80	1.86	2.07	1.67
Anson CC	2.00	2.22	2.33	2.63	2.54	3.94	5.39	5.29	5.60	5.98	3.12	4.04	3.80	4.30	4.39
Asheville-Bun. TCC	1.90	1.88	1.80	1.77	2.49	6.40	6.56	6.75	5.47	5.69	3.06	3.05	2.97	2.73	3.53
Beaufort Co. CC	1.47	1.36	1.42	1.64	2.03	3.37	4.89	5.04	5.99	6.67	2.34	2.65	2.76	3.27	3.82
Bladen CC	1.84	1.78	1.73	1.86	2.39	5.74	5.13	6.30	7.73	6.41	3.82	3.55	3.73	4.53	4.82
Blue Ridge CC	1.53	1.51	1.55	1.77	1.79	5.20	4.96	5.43	6.43	6.20	2.83	2.76	2.96	3.60	3.69
Brunswick CC	1.78	1.74	1.74	2.24	3.72	5.90	5.70	6.23	6.46	8.20	2.90	2.80	2.86	3.35	5.46
Caldwell CC & TI	1.72	1.58	1.72	1.69	1.57	6.00	5.87	6.53	6.51	4.47	3.40	3.20	3.58	3.59	2.77
Cape Fear CC	0.90	0.89	0.89	0.89	0.96	3.12	3.14	3.24	3.31	3.25	1.76	1.86	1.92	1.95	2.04
Carteret CC	1.17	1.31	1.34	1.04	1.09	3.81	4.86	4.53	4.19	4.04	2.05	2.43	2.47	2.18	2.29
Catawba Vy. CC	1.13	1.18	1.33	1.61	1.86	3.77	3.68	3.96	4.45	4.97	2.12	2.15	2.37	2.71	2.95
C. Carolina CC	1.38	1.39	1.54	1.49	1.35	4.67	4.48	4.64	4.92	4.91	2.51	2.59	2.85	2.83	2.71
C. Piedmont CC	1.03	1.14	0.90	0.91	0.92	3.15	3.58	3.09	2.48	2.70	1.71	1.95	1.59	1.45	1.51
Cleveland CC	1.81	2.20	2.10	2.25	2.15	4.83	6.13	5.60	5.49	5.30	3.16	3.82	3.54	3.62	3.55
Coastal Car. CC	1.09	1.08	0.82	0.83	0.86	3.57	3.86	3.65	3.44	4.15	1.88	1.94	1.76	1.72	1.77
Col. Albemarle	1.09	1.20	1.24	1.26	1.37	4.55	5.19	5.45	5.34	5.56	2.18	2.43	2.55	2.61	3.02
Craven CC	1.55	1.55	1.55	1.19	1.43	2.31	2.40	3.36	2.72	2.42	1.87	1.91	2.24	1.78	1.88
Davidson Co. CC	1.30	1.27	1.59	1.49	1.66	4.75	4.74	4.64	4.79	5.11	2.31	2.23	2.59	2.49	2.73
Durham TCC	0.96	1.04	0.91	1.03	1.04	3.54	3.79	3.75	3.75	3.70	1.73	1.88	1.79	1.87	1.91
Edgecombe CC	1.71	1.78	2.61	2.85	2.80	4.28	4.40	5.39	6.13	6.23	2.62	2.71	3.71	4.24	4.07
Fayettev'le TCC	1.37	1.12	1.18	1.13	1.12	4.87	3.82	3.96	4.02	3.91	2.03	1.74	1.96	1.81	1.78
Forsyth TCC	2.14	1.58	1.57	1.66	1.61	5.46	4.65	5.00	4.76	4.81	3.30	2.63	2.68	2.74	2.64
Gaston Col.	1.41	1.35	1.50	1.62	1.63	5.01	5.57	6.75	6.66	6.08	2.49	2.48	2.80	2.90	2.96
Guilford TCC	1.27	1.28	1.25	1.30	1.35	5.11	4.95	4.01	4.44	4.71	2.37	2.37	2.12	2.28	2.50
Halifax CC	1.40	1.45	1.85	1.80	2.14	3.57	4.01	6.49	4.98	4.97	2.24	2.40	3.26	3.05	3.27
Haywood CC	1.49	1.75	1.65	1.47	1.47	4.77	4.38	5.19	4.27	4.11	3.33	3.40	3.75	3.31	3.18
Isothermal CC	1.94	1.88	1.80	2.25	2.16	4.14	4.33	4.48	4.52	3.71	2.94	2.94	2.83	3.21	2.86
J. Sprunt CC	2.22	1.86	2.04	2.15	2.16	4.91	4.80	6.12	7.45	7.96	3.33	3.19	3.74	4.22	4.40
Johnston CC	1.15	1.26	1.40	1.19	1.00	5.02	5.35	5.33	5.58	5.09	2.34	2.53	2.59	2.55	2.29
Lenoir CC	1.62	1.65	2.18	2.14	1.60	3.86	3.04	3.53	3.71	3.92	2.24	2.15	2.71	2.72	2.43
Martin CC	1.84	2.01	2.59	3.11	3.89	5.74	6.23	6.02	9.02	9.45	3.98	4.48	4.74	6.15	6.31
Mayland CC	1.67	1.48	2.04	1.45	1.89	3.59	4.84	3.77	4.78	4.64	2.30	2.44	2.67	2.41	3.19
McDowell TCC	3.55	2.70	4.05	3.45	4.91	4.67	3.31	4.23	4.65	4.78	4.22	3.08	4.17	4.16	4.83
Mitchell CC	1.90	2.05	2.12	2.14	2.79	5.07	4.93	5.71	5.58	4.71	2.97	3.06	3.34	3.32	3.58
Montgomery CC	2.15	2.23	2.77	2.80	2.66	4.91	4.34	3.84	4.81	4.68	3.74	3.65	3.51	4.17	4.03
Nash CC	1.53	1.67	2.15	2.19	2.04	5.77	4.87	3.88	4.93	5.30	2.69	2.62	2.84	3.19	2.93
Pamlico CC	2.05	2.59	2.52	2.57	2.49	6.28	8.62	7.78	6.64	6.72	3.76	5.04	4.74	4.47	4.42
Piedmont CC	2.24	2.24	2.26	2.26	2.32	4.54	5.23	5.55	5.33	5.70	3.27	3.39	3.57	3.52	3.66
Pitt CC	0.78	0.79	0.83	0.81	0.91	3.22	3.38	4.03	3.52	3.42	1.56	1.58	1.81	1.66	1.72
Randolph CC	2.29	2.25	1.93	1.92	1.96	5.56	5.62	5.06	4.83	5.26	3.67	3.63	3.32	3.24	3.39
Richmond CC	1.52	1.48	1.85	2.06	1.91	7.45	6.83	7.73	6.96	8.52	3.18	3.04	3.83	3.90	4.04
Roanoke-Cho. CC	1.76	2.19	2.08	2.33	2.58	5.48	7.46	6.49	6.91	6.93	3.08	3.79	3.50	3.82	3.91
Robeson CC	1.38	1.25	1.76	2.26	3.33	4.66	4.93	4.46	4.96	6.81	2.52	2.57	3.00	3.44	4.88
Rockingham CC	1.56	1.56	1.79	2.05	2.13	5.47	5.57	6.64	6.16	6.81	2.79	2.88	3.32	3.44	3.60
Rowan-Cab. CC	1.67	1.66	1.62	1.47	1.71	4.55	4.40	3.96	4.18	4.21	2.43	2.48	2.40	2.34	2.65
Sampson CC	1.25	1.27	1.29	1.28	1.70	4.14	4.50	4.53	5.81	5.75	2.36	2.44	2.48	2.76	3.21
Sandhills CC	1.92	1.42	1.59	1.40	1.35	5.89	4.80	4.96	4.70	3.84	3.03	2.37	2.55	2.44	2.31
Southeastern CC	1.66	1.99	1.67	1.76	1.88	4.92	5.62	7.85	4.79	5.49	2.44	3.15	3.36	2.87	3.07
Southwestern CC	1.88	1.99	1.98	2.66	3.13	4.85	5.39	5.67	6.64	8.55	2.91	3.08	3.04	4.03	4.92
Stanly CC	1.38	1.61	1.69	1.81	1.85	4.46	4.73	4.51	5.56	5.75	2.50	2.68	2.78	3.05	3.05
Surry CC	1.12	1.02	1.03	1.21	1.48	2.67	2.70	3.06	3.16	2.85	1.77	1.69	1.77	1.95	2.07
Tri-County CC	2.40	2.87	2.29	3.49	3.07	5.82	6.56	8.80	7.77	7.26	3.63	4.25	4.34	5.38	5.04
Vance-Granv. CC	1.60	1.78	1.75	1.76	2.07	2.75	3.99	2.65	3.04	4.28	2.18	2.74	2.23	2.41	3.09
Wake TCC	1.22	1.27	1.18	1.34	1.41	3.26	3.30	3.71	3.76	3.97	1.77	1.84	1.87	2.03	2.14
Wayne CC	1.17	1.41	1.47	1.86	1.21	4.24	4.52	5.20	4.39	3.57	2.13	2.32	2.49	2.90	2.14
W. Piedmont CC	1.53	1.36	1.22	1.45	1.14	3.75	3.40	3.26	2.78	2.97	2.26	2.06	1.87	2.00	1.95
Wilkes CC	1.55	1.29	1.24	1.41	1.32	5.19	5.16	5.34	5.35	4.61	2.74	2.39	2.35	2.54	2.16
Wilson TCC	2.67	1.90	2.01	1.85	1.80	4.52	5.30	5.79	5.38	4.95	3.72	3.75	3.90	3.58	3.51
TOTAL	1.43	1.42	1.43	1.50	1.56	4.31	4.40	4.52	4.50	4.54	2.40	2.44	2.51	2.58	2.66

BEST COPY AVAILABLE

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	30.6	28.1	25.6	63.2	61.0	58.3	1.00	0.86	0.74
Doctoral Granting Universities I:*	28.6	28.6	28.6	61.7	61.7	61.7	0.95	0.95	0.95
Comprehensive I Universities:	38.3	25.3	15.4	68.1	60.4	46.9	1.66	1.01	0.58
Comp. II and Lib. Arts I Univ.:	25.7	18.9	14.5	51.3	48.2	43.8	2.21	1.68	1.30
Specialized Institution:*	16.3	16.3	16.3	57.5	57.5	57.5	2.34	2.34	2.34
Community Colleges:	34.5	23.0	14.8	70.9	57.4	31.3	3.55	1.43	0.78
PRIVATE INSTITUTIONS									
Major Research Universities:	20.3	19.8	19.4	55.0	55.0	54.9	1.28	1.26	1.23
Gen. Baccalaureate Colleges:	33.8	18.1	10.3	64.3	49.2	33.8	3.95	1.71	0.56
Junior Colleges:	20.9	18.0	15.9	64.6	55.6	46.4	2.27	1.87	1.44
STATE RANGE	38.3	22.6	10.3	70.9	56.9	31.3	3.95	1.27	0.56
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Research Universities I:	16.3	13.1	11.8	75.6	69.2	59.2	4.29	3.94	3.24
Doctoral Granting Universities I:*	15.3	15.3	15.3	56.7	56.7	56.7	3.84	3.84	3.84
Comprehensive I Universities:	18.9	14.6	6.4	68.0	59.4	43.2	7.42	3.56	2.28
Comp. II and Lib. Arts I Univ.:	10.5	9.0	6.6	61.0	54.1	49.2	6.85	5.56	5.05
Specialized Institution:*	12.1	12.1	12.1	65.3	65.3	65.3	7.48	7.48	7.48
Community Colleges:	27.7	19.0	11.2	87.1	58.6	40.7	7.45	4.31	2.31
PRIVATE INSTITUTIONS									
Major Research Universities:	7.7	6.5	4.9	77.1	66.3	44.8	14.08	7.14	5.11
Gen. Baccalaureate Colleges:	15.3	8.4	2.3	80.3	49.6	23.3	35.14	6.92	2.86
Junior Colleges:	9.4	8.1	6.5	71.7	48.5	37.7	11.25	7.62	5.10
STATE RANGE	27.7	15.5	2.3	87.1	58.7	23.3	35.14	4.44	2.28
TYPICAL STANDARD		20.0			80.0			3.00-5.00	

*Only one institution in this category

TABLE 11:
SPACE CRITERIA

The Higher Education Facilities Planning and Management Manuals, published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments until updated criteria can be developed from a new national survey of higher education facilities. To this end, a national work group has recently developed an updated edition of the national facilities manual (Postsecondary Education Facilities Inventory and Classification Manual, NCES, 1992).

Space Criteria

Table 11

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55%-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Reading Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Table 11

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microfilm and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

	Academic Departments		Nonacademic Departments	
Personnel Category	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

Table 11

OFFICES (Continued):

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Stations	Conference Room Assignable Square Feet Per Station	Conference Room Service Space in Assignable Square Feet
	Assignable Square Feet Per Station	
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

TABLE 12:
ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE student is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of 1/2 FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of 1/2 FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

The Department of Community Colleges reports FTE based on its official "class membership" (contact) hour formula for calculation. Sixteen class membership hours per week for 11 weeks equates to one fall quarter FTE. FTE fractions are thus based on a division of total class membership hours (contact hours per week times eleven weeks) by (16 x 11) or 176.

For the community colleges, Table 12 lists only on-campus credit enrollments for 1988-1991. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1992, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions of the Community College System. Since private colleges and universities and the constituent institutions of the University of North Carolina do not conduct a significant

number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

Because of the discontinuation of the Early National Estimates Survey, which was conducted annually by the National Center for Education Statistics (NCES), detailed data for higher education headcount enrollments at the national level are no longer available. In 1992, a projection study was completed by the same organization which presents an estimate map of these statistics for the years 1991 through 2003, using enrollment data and demographic studies from the years 1978 to 1991.* Highlights of these projections are presented here.

All Higher Education Institutions

Between 1978 and 1983, higher education enrollment increased from 11.3 million to 12.5 million, a growth of 11 percent. In 1984 and 1985, enrollment dropped to 12.2 million. It then increased from 12.5 million in 1986 to an estimated 14.2 million in 1991, an increase of 13 percent over the period. This enrollment is expected to increase to 16.1 million by the year 2003, an increase of 14 percent from 1991.

Enrollments by Sex of Student

Women are expected to be the majority of college students over the projection period. Enrollment of women increased from 5.6 million in 1978 to 7.8 million in 1991 (38 percent). This number is projected to increase to 8.7 million by the year 2003, or an additional 13 percent. Enrollment of men fluctuated between 5.6 million and 6.2 million between 1978 and 1990, and was estimated at 6.4 million in 1991. This number is expected to increase to 7.4 million by 2003, a growth of 15 percent over the period. The projection for 2003 is therefore a 54 to 46 percent majority of women.

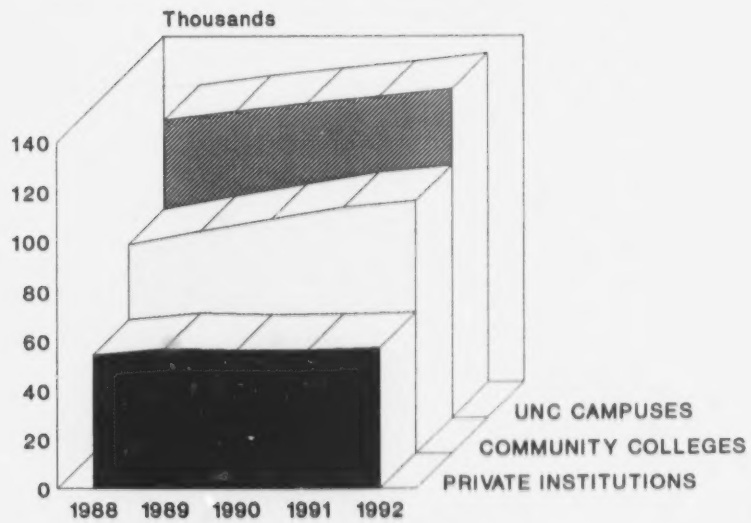
Enrollments in Public and Private Institutions

From 1978 to 1991, pubic institution enrollment increased 26 percent, from 8.8 million to 11.0 million. This figure is expected to increase by another 14 percent to 12.6 million by the year 2003. Enrollment in private institutions grew from 2.5 million in 1978 to 3.1 million in 1991, an increase of 26 percent. Private enrollment is projected to reach a high of 3.6 million by 2003, which is an additional 14 percent growth.

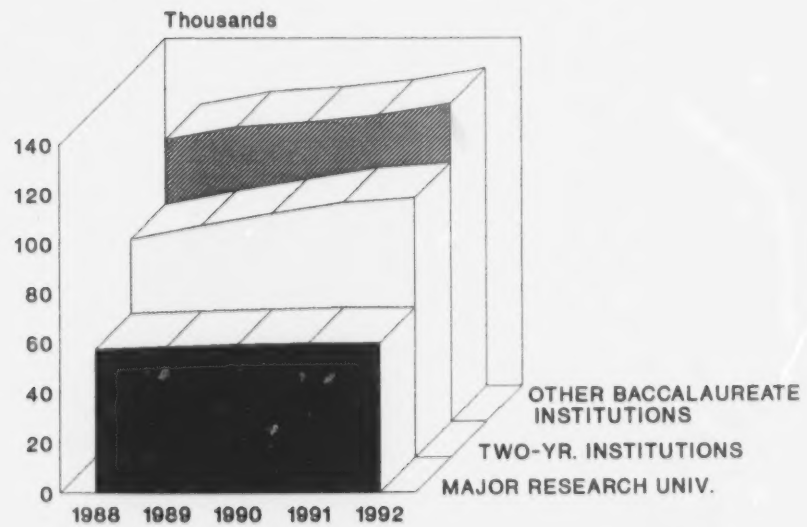
North Carolina institutions experienced a headcount enrollment increase of 3.4 percent in 1992. Public institutions showed a 3.8 percent increase while private enrollments decreased by 2.5%. Enrollments for women increased by 3.2 percent; the increase for men was 3.7%. As last year, North Carolina's 1992 part-time increase (4.9%) was higher than the full-time increase (3.0%).

*Gerald, Debra E. and Hussar, William J.; *Projections of Education Statistics to 2003*; U.S. Department of Education, National Center for Education Statistics, 1992.

FTE ENROLLMENTS



BY INSTITUTIONAL CONTROL



BY INSTITUTIONAL LEVEL

Table 12

FTE Enrollments Summary

INSTITUTION	1992	1991	1990	1989	1988
Research Universities I:	43,434	43,428	43,041	42,352	42,065
Doctoral Granting Universities I:	10,485	10,256	10,455	10,200	9,692
Comprehensive I Universities:	68,910	66,441	63,710	61,621	59,225
Comp. II and Lib. Arts I Univ.:	9,473	9,093	9,161	9,096	8,702
Specialized Institution:	487	472	462	482	488
Community Colleges:	102,034	99,488	94,624	89,681	84,338
		PRIVATE INSTITUTIONS			
Major Research Universities:	16,441	16,389	16,213	15,691	15,496
Gen. Baccalaureate Colleges:	38,595	37,089	36,789	36,538	35,620
Junior Colleges:	2,060	2,855	3,195	3,362	3,240
GRAND TOTAL	291,919	285,511	277,650	269,023	258,866

Table 12

FTE Enrollments
Institutional

INSTITUTION	1992	1991	1990	1989	1988
Research Univ. I:					
NC State	21,950	21,894	21,392	20,859	20,438
NC State Vet.	283	269	275	268	278
UNC-Chapel Hill	17,748	17,960	18,161	18,138	18,293
UNC-Health Aff.	3,453	3,305	3,213	3,087	3,056
SUBTOTAL	43,434	43,428	43,041	42,352	42,065
Doctoral Granting Univ. I:					
UNC-Greensboro	10,485	10,256	10,455	10,200	9,692
Comprehensive I Univ.:					
Appalachian	11,116	10,798	10,843	10,774	10,444
East Carolina	15,277	14,288	13,874	13,487	13,202
ECU-Health Aff.	1,097	1,009	1,152	1,017	953
Fayetteville	3,384	3,181	2,856	2,606	2,338
NC A & T	6,905	6,486	5,841	5,864	5,438
NC Central	4,917	4,668	4,799	4,627	4,383
UNC-Charlotte	13,039	12,821	12,335	11,279	11,014
UNC-Wilmington	7,179	7,426	6,446	6,485	6,077
West'n Carolina	5,996	5,764	5,564	5,482	5,376
SUBTOTAL	68,910	66,441	63,710	61,621	59,225
Comp. II and Lib. Arts I Univ.:					
Elizabeth City	1,931	1,700	1,674	1,641	1,608
Pembroke	2,610	2,559	2,690	2,652	2,435
UNC-Asheville	2,619	2,562	2,599	2,555	2,440
Winston-Salem	2,313	2,272	2,198	2,248	2,219
SUBTOTAL	9,473	9,093	9,161	9,096	8,702
Specialized Inst.:					
NC Sch. of Arts	487	472	462	482	488

FTE Enrollments
Institutional

Table 12

INSTITUTION	1992*		1991	1990	1989	1988
Community Colleges:						
Alamance CC	2,333	(2,630)	2,218	2,047	1,896	1,712
Anson CC	346	(606)	310	297	287	281
Ashev'le-Bun. TCC	2,828	(2,959)	2,938	2,607	2,365	2,109
Beaufort Co. CC	1,003	(1,128)	1,118	990	937	859
Bladen CC	627	(686)	729	509	481	416
Blue Ridge CC	1,206	(1,220)	1,190	1,204	1,066	872
Brunswick CC	733	(733)	646	609	640	528
Caldwell CC & TI	1,437	(1,992)	1,493	1,339	1,357	1,357
Cape Fear CC	2,665	(2,727)	2,393	2,379	2,163	2,080
Carteret CC	1,217	(1,368)	1,117	1,088	974	967
Catawba Vy. CC	2,518	(2,529)	2,425	2,179	2,092	1,716
C. Carolina CC	1,725	(2,676)	1,658	1,719	1,654	1,601
C. Piedmont CC	9,408	(10,414)	9,132	9,214	8,474	8,185
Cleveland CC	957	(1,199)	904	856	796	751
Coastal Car. CC	2,766	(3,030)	2,794	2,642	2,704	2,510
Col. Albemarle	1,571	(1,623)	1,451	1,329	1,113	961
Craven CC	1,509	(1,944)	1,475	1,340	1,189	1,055
Davidson Co. CC	1,850	(2,014)	1,893	1,797	1,760	1,696
Durham TCC	2,926	(3,236)	2,931	2,846	2,615	2,552
Edgecombe CC	1,322	(1,490)	1,117	976	817	773
Fayettev'le TCC	4,951	(5,578)	4,797	4,214	4,521	4,226
Forsyth TCC	3,213	(3,533)	3,371	3,030	3,128	2,786
Gaston Col.	2,970	(3,286)	2,836	2,899	2,594	2,573
Guilford TCC	5,517	(5,590)	5,479	5,375	4,966	4,571
Halifax CC	1,139	(1,358)	1,039	803	749	751
Haywood CC	1,232	(1,237)	1,334	1,217	1,129	1,069
Isothermal CC	1,452	(1,533)	1,447	1,358	1,288	1,316
J. Sprunt CC	845	(1,034)	889	632	609	609
Johnston CC	1,776	(2,867)	1,712	1,680	1,584	1,545
Lenoir CC	1,736	(1,996)	1,749	1,632	1,674	1,764

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

Table 12

FTE Enrollments
Institutional

INSTITUTION	1992*		1991	1990	1989	1988
Community Colleges:						
Martin CC	757	(802)	644	695	536	526
Mayland CC	603	(829)	659	569	563	419
McDowell TCC	564	(610)	648	560	535	520
Mitchell CC	1,230	(1,274)	1,212	1,124	1,135	1,075
Montgomery CC	377	(504)	396	408	363	350
Nash CC	1,169	(1,273)	1,101	1,017	921	876
Pamlico CC	142	(146)	101	96	121	144
Piedmont CC	592	(1,082)	583	509	424	423
Pitt CC	2,403	(3,405)	1,790	2,612	2,273	2,205
Randolph CC	1,345	(1,366)	1,334	1,296	1,340	1,200
Richmond CC	947	(979)	936	871	846	788
Roanoke-Cho. CC	730	(753)	665	659	623	580
Robeson CC	1,373	(1,375)	1,228	1,178	1,118	1,119
Rockingham CC	1,591	(1,595)	1,622	1,473	1,415	1,267
Rowan-Cab. CC	1,418	(2,450)	1,565	1,523	1,572	1,488
Sampson CC	867	(965)	796	812	784	789
Sandhills CC	2,371	(2,482)	2,504	2,485	2,323	1,993
Southeastern CC	1,603	(1,764)	1,298	1,228	1,303	1,181
Southwestern CC	1,083	(1,330)	1,047	957	878	849
Stanly CC	853	(1,210)	902	820	831	767
Surry CC	1,985	(2,329)	2,065	1,909	1,733	1,591
Tri-County CC	593	(593)	590	609	590	604
Vance-Granv. CC	1,450	(2,270)	1,423	1,450	1,307	1,197
Wake TCC	3,869	(4,783)	3,485	2,997	2,872	2,677
Wayne CC	2,124	(2,547)	1,976	1,821	1,754	1,713
W. Piedmont CC	1,830	(1,909)	1,803	1,787	1,540	1,645
Wilkes CC	1,406	(1,521)	1,451	1,524	1,433	1,240
Wilson TCC	981	(1,065)	945	927	926	921
TOTAL	102,034	(117,427)	99,488	94,624	89,681	84,338

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

Table 12

FTE Enrollments
Institutional

INSTITUTION	1992	1991	1990	1989	1988
			PRIVATE INSTITUTIONS		
Major Research Universities:					
Duke	10,304	10,146	10,144	9,790	9,738
Duke Med. Ctr.	731	805	794	760	645
Wake Forest	4,973	5,003	4,846	4,722	4,695
Bowman Gray	433	435	429	419	418
SUBTOTAL	16,441	16,389	16,213	15,691	15,496
Gen. Baccalaureate Colleges:					
Barber Scotia	704	558	470	432	420
Barton	1,378	1,368	1,414	1,270	1,200
Belmont Abbey	899	935	942	954	967
Bennett	627	560	578	567	609
Campbell	2,785	2,611	2,547	2,522	2,700
Catawba	932	903	904	959	958
Chowan	632	-	-	-	-
Davidson	1,548	1,547	1,502	1,423	1,415
Elon	3,016	2,991	3,014	3,084	3,057
Gardner-Webb	1,794	1,723	1,756	1,831	1,730
Greensboro	816	842	942	929	842
Guilford	1,534	1,530	1,518	1,457	1,531
High Point	2,165	2,146	2,146	1,899	1,804
Johnson C. Smith	1,251	1,240	1,167	1,286	1,187
Lees-McRae	738	769	850	825	781
Lenoir-Rhyne	1,390	1,461	1,500	1,518	1,481
Livingstone	651	644	677	574	548
Mars Hill	1,223	1,208	1,187	1,203	1,207

Table 12

FTE Enrollments
Institutional

INSTITUTION	1992	1991	1990	1989	1988
Gen. Baccalaureate (Continued)					
Meredith	1,986	2,062	1,977	1,924	1,859
Methodist	1,290	1,069	1,145	1,324	1,329
Montreat-Anderson	305	390	384	409	375
Mt. Olive	629	667	512	506	491
N.C. Wesleyan	737	673	639	657	659
Pfeiffer	786	809	833	793	754
Piedmont Bible	264	260	273	258	201
Queens	1,114	1,144	1,089	1,032	898
St. Andrews Presby.	637	607	703	771	772
St. Augustine's	1,840	1,849	1,840	1,831	1,752
Salem	626	563	575	679	649
Shaw	2,425	2,079	1,794	1,590	1,482
Warren Wilson	553	562	569	551	522
Wingate	1,320	1,319	1,342	1,480	1,440
SUBTOTAL	38,595	37,089	36,789	36,538	35,620
Junior Colleges:					
Brevard	708	770	762	743	649
Chowan	-	728	878	1,000	967
Louisburg	646	662	829	837	839
Peace	449	446	425	506	524
St. Mary's	257	249	301	276	261
SUBTOTAL	2,060	2,855	3,195	3,362	3,240
TOTAL	57,096	56,333	56,197	55,591	54,356

Ambulatory Care Center, UNC-Chapel Hill

UNC-Chapel Hill's $18.8 million Ambulatory Care Center, which was jointly developed by the UNC School of Medicine and UNC Hospitals, welcomed its first patient in December of 1992. The 127,000-square foot facility, fully staffed with 250 employees, is designed to accommodate 250,000 patient visits per year.

The new building's interior space is divided into several specialty clinics: Dermatology, Surgery, Orthopedics, Rheumatology, Ophthalmology, Obstetrics/Gynecology, ENT, and Medicine. Over 300 on-site parking spaces and a shuttle service from the main hospital entrance, Health Affairs parking deck, and Celsus Snack Bar provide both convenience and ease of access to the building's numerous ambulatory services.

Interior Space Characteristics

Net-to-Gross Ratio 81
Summary Programs 86
Instruction, Research and Public Service Subprograms 93
Academic Support Subprograms 102
Student Service and Physical Plant Operations Subprograms . 108
Institutional Administration, Independent Operations & Unassigned Subprograms 112
Assignable Area by Room Code 117
ASF Per Student Station for Classrooms 124
ASF Per Student Stations for Class Laboratories 130

BEST COPY AVAILABLE

TABLE 13:
NET-TO-GROSS RATIO

The net-to-gross ratio is the assignable (or net) area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), North Carolina State University (779,148 sq. ft.), University of North Carolina at Chapel Hill-Health Affairs (1,033,155 sq. ft.), University of North Carolina at Charlotte (509,295). There are three parking decks at the private major research universities, representing a total gross area of 1,496,279 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Central Piedmont Community College (65.6%), North Carolina State University (65.4%), University of North Carolina at Chapel Hill-Health Affairs (58.5%), University of North Carolina at Charlotte (67.6%), private major research universities (63.8%), Appalachian State University (68.9%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $89 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .64. This means that new construction costs are approximately $139 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$89}{.64} = \$139$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $139 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1992	1991	1990	1989	1988
Research Universities I:							
NC State*	7,788,591	4,582,286	58.8	58.7	58.2	62.3	62.4
NC State Vet.	381,311	228,280	59.9	60.0	59.8	59.8	59.8
UNC-Chapel Hill	7,166,972	4,715,157	65.8	65.7	66.2	66.1	66.2
UNC-Health Aff.*	3,421,393	1,397,420	40.8	40.5	47.9	47.3	47.2
SUBTOTAL	18,758,267	10,923,143	58.2	58.1	59.7	61.4	61.5
Doctoral Granting Universities I:							
UNC-Greensboro	2,920,759	1,862,248	63.8	63.8	63.9	63.9	64.8
Comprehensive I Universities:							
Appalachian*	2,929,909	2,015,190	68.8	68.8	68.8	69.4	69.5
East Carolina	3,050,068	2,169,941	71.1	70.7	70.5	70.5	70.2
ECU-Health Aff.	734,097	493,806	67.3	63.1	62.3	62.1	62.3
Fayetteville	914,418	599,442	65.6	65.6	66.1	66.1	66.1
NC A & T	2,220,357	1,543,313	69.5	69.4	69.2	69.2	69.2
NC Central	1,554,253	1,015,705	65.4	65.4	65.3	65.3	65.3
UNC-Charlotte*	2,992,384	1,678,734	56.1	56.1	65.0	64.9	64.8
UNC-Wilmington	1,457,111	1,007,127	69.1	69.4	68.6	68.8	67.9
West'n Carolina	2,358,120	1,609,703	68.3	68.2	68.1	68.5	68.2
SUBTOTAL	18,210,717	12,132,961	66.6	66.4	67.8	68.0	67.8
Comp. II and Lib. Arts I Univ.:							
Elizabeth City	840,939	587,397	69.9	70.6	70.4	70.9	70.9
Pembroke	703,303	484,851	68.9	69.0	67.9	67.7	67.7
UNC-Asheville	751,480	498,721	66.4	66.3	66.4	66.8	67.0
Winston-Salem	919,988	614,313	66.8	66.8	66.8	67.9	67.8
SUBTOTAL	3,215,710	2,185,282	68.0	68.1	67.8	68.4	68.4

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1992	1991	1990	1989	1988
Specialized Institution:							
NC Sch. of Arts	616,205	422,007	68.5	68.5	68.4	68.5	68.5
Teaching Hospitals:							
UNC Hosp. at C.H.	1,271,527	723,311	56.9	56.9	56.9	57.4	57.1
Community Colleges:							
SUBTOTAL*	13,333,241	9,165,187	68.7	69.1	68.9	69.4	69.5
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	13,693,696	7,783,921	56.8	56.8	58.6	58.5	58.1
Gen. Baccalaureate Colleges:							
SUBTOTAL	16,901,811	12,006,741	71.0	71.3	70.9	70.9	70.8
Junior Colleges:							
SUBTOTAL	1,318,006	927,737	70.4	69.8	69.9	70.0	70.2
GRAND TOTAL	90,239,939	58,132,538	64.4	64.4	65.3	65.7	65.7

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1992	1991	1990	1989	1988
Community Colleges:							
Alamance CC	200,945	138,480	68.9	69.0	69.0	68.7	67.4
Anson CC	58,835	42,304	71.9	73.5	72.6	73.5	73.0
Ashev'le-Bun. TCC	448,011	300,557	67.1	66.8	60.1	70.8	69.9
Beaufort Co. CC	143,139	112,854	78.8	77.0	77.7	77.8	77.8
Bladen CC	107,170	82,188	76.7	76.4	76.4	76.2	76.3
Blue Ridge CC	163,140	120,402	73.8	73.8	75.0	75.3	75.5
Brunswick CC	132,677	97,863	73.8	76.3	76.3	76.3	77.1
Caldwell CC & TI	198,740	151,461	76.2	76.2	76.2	76.2	76.2
Cape Fear CC	221,912	148,143	66.8	66.7	68.7	69.2	69.0
Carteret CC	144,513	111,437	77.1	76.3	75.9	76.3	76.3
Catawba Vy. CC	274,863	202,697	73.7	73.7	73.8	73.8	74.0
C. Carolina CC	250,335	182,670	73.0	73.9	76.9	76.9	77.1
C. Piedmont CC*	1,386,294	545,347	39.3	40.7	39.3	38.6	38.4
Cleveland CC	192,334	135,751	70.6	70.6	70.6	70.1	74.6
Coastal Car. CC	243,416	177,146	72.8	72.8	74.4	74.4	72.4
Col. Albemarle	184,196	119,091	64.7	64.7	64.8	70.6	71.5
Craven CC	152,266	105,658	69.4	69.4	69.4	72.1	72.1
Davidson Co. CC	217,092	152,421	70.2	69.6	69.5	69.5	69.5
Durham TCC	238,927	172,035	72.0	71.9	71.8	72.0	72.0
Edgecombe CC	162,094	106,173	65.5	66.0	66.0	64.3	64.3
Fayettev'le TCC	532,910	380,655	71.4	71.8	72.3	72.0	72.0
Forsyth TCC	518,329	366,385	70.7	73.0	74.6	74.5	74.1
Gaston Col.	365,950	254,433	69.5	69.5	69.3	69.3	69.7
Guilford TCC	609,500	442,151	72.5	72.6	71.7	71.3	71.1
Halifax CC	132,607	96,917	73.1	72.9	72.9	73.9	73.9
Haywood CC	277,130	212,662	76.7	76.8	78.3	78.1	78.1
Isothermal CC	220,057	169,036	76.8	76.8	77.0	76.1	76.1
J. Sprunt CC	117,601	86,093	73.2	73.5	73.5	74.3	74.5
Johnston CC	195,401	145,288	74.4	74.7	75.0	75.0	77.8
Lenoir CC	215,038	162,746	75.7	77.5	77.5	77.4	78.6

*Beginning in 1985, the net-to-gross for this institution was affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1992	1991	1990	1989	1988
Community Colleges:							
Martin CC	217,105	165,506	76.2	76.2	73.4	73.3	73.3
Mayland CC	79,281	56,935	71.8	72.4	72.2	71.9	73.5
McDowell TCC	95,881	72,349	75.5	75.6	75.6	75.6	75.6
Mitchell CC	246,514	178,936	72.6	71.6	72.4	72.3	72.1
Montgomery CC	72,452	50,518	69.7	69.7	69.7	68.3	68.5
Nash CC	143,084	98,846	69.1	72.9	72.0	72.0	72.0
Pamlico CC	40,198	28,597	71.1	71.5	71.5	71.5	71.5
Piedmont CC	117,486	98,184	83.6	83.6	83.6	83.6	83.8
Pitt CC	200,624	144,993	72.3	72.3	73.4	74.7	74.7
Randolph CC	206,160	157,155	76.2	76.2	78.2	78.9	79.1
Richmond CC	158,864	113,949	71.7	71.7	71.8	71.8	72.7
Roanoke-Cho. CC	135,921	100,151	73.7	73.8	70.1	70.1	70.3
Robeson CC	183,243	136,237	74.3	74.3	74.3	74.3	75.5
Rockingham CC	269,195	192,454	71.5	71.6	71.6	71.2	72.4
Rowan-Cab. CC	232,035	170,067	73.3	72.9	76.4	76.4	76.4
Sampson CC	117,646	87,516	74.4	74.4	74.4	74.6	74.6
Sandhills CC	275,945	200,250	72.6	72.6	72.5	73.4	73.2
Southeastern CC	164,825	123,430	74.9	75.0	74.5	74.5	74.2
Southwestern CC	194,728	143,013	73.4	73.4	73.4	72.5	72.5
Stanly CC	100,311	73,751	73.5	73.5	73.5	73.6	73.6
Surry CC	182,076	133,531	73.3	73.5	73.5	73.5	73.5
Tri-County CC	103,973	82,943	79.8	79.8	79.8	79.8	78.8
Vance-Granv. CC	202,332	134,928	66.7	66.7	66.2	66.2	63.7
Wake TCC	404,110	275,410	68.2	68.4	70.5	70.6	70.8
Wayne CC	281,046	184,106	65.5	70.4	70.7	70.8	79.5
W. Piedmont CC	195,113	140,452	72.0	68.6	68.6	68.6	69.6
Wilkes CC	241,931	180,864	74.8	74.1	74.1	74.1	74.0
Wilson TCC	165,740	119,072	71.8	70.8	70.8	70.8	71.0
TOTAL	13,333,241	9,165,187	68.7	69.1	68.9	69.4	69.5

TABLE 14:
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Statistics in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

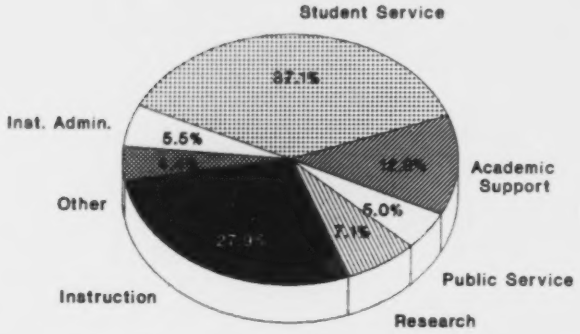
70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

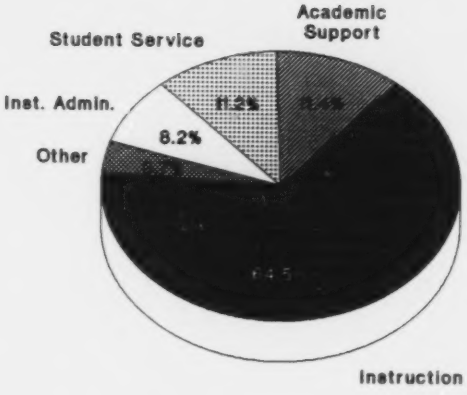
90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

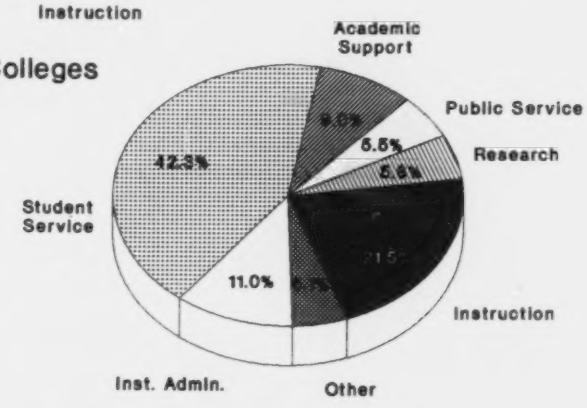
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities I:											
NC State	4,582,286	26.9	19.5	3.8	9.1	32.7	3.7	1.7	-	0.5	2.2
NC State Vet.	228,280	31.2	30.5	23.4	10.3	3.2	0.9	0.5	-	-	-
UNC-Chapel Hill	4,715,157	22.9	3.7	1.3	18.8	40.5	6.0	2.0	-	3.6	1.0
UNC-Health Aff.	1,397,420	30.7	27.6	12.1	21.8	0.6	0.2	0.3	-	3.7	3.1
SUBTOTAL	10,923,143	25.7	13.9	4.2	14.9	31.3	4.2	1.6	-	2.3	1.8
Doctoral Granting Universities I:											
UNC-Greensboro	1,862,248	25.9	3.1	<0.1	13.3	45.6	7.2	2.1	-	-	2.8
Comprehensive I Universities:											
Appalachian	2,015,190	32.9	0.3	0.6	10.3	48.0	4.8	2.7	-	0.1	0.3
East Carolina	2,169,941	31.8	2.3	0.9	10.3	47.1	6.1	1.4	-	<0.1	<0.1
ECU-Health Aff.	493,806	18.6	29.2	26.0	17.7	0.3	6.5	1.7	-	-	-
Fayetteville	599,442	35.8	0.1	0.4	13.2	39.6	8.4	2.3	-	0.3	-
NC A & T	1,543,313	32.0	7.2	0.8	15.8	34.1	4.8	1.2	-	0.5	3.6
NC Central	1,015,705	33.9	1.1	0.1	14.3	41.6	6.0	0.8	-	0.1	2.1
UNC-Charlotte	1,678,734	30.9	4.4	-	9.5	49.2	5.0	0.9	-	-	0.2
UNC-Wilmington	1,007,127	22.1	2.1	-	14.9	49.6	8.3	1.2	-	0.6	1.3
West'n Carolina	1,609,703	26.0	0.9	0.1	14.0	43.2	9.0	1.4	-	3.7	1.7
SUBTOTAL	12,132,961	30.1	3.6	1.5	12.5	42.9	6.2	1.5	-	0.6	1.0
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	587,397	32.8	-	3.0	7.8	45.0	8.9	1.2	-	0.2	1.0
Pembroke	484,851	39.3	-	0.4	8.6	40.4	9.6	1.6	-	-	-
UNC-Asheville	498,721	33.9	0.6	1.8	11.4	34.5	5.6	2.0	-	1.4	8.8
Winston-Salem	614,313	32.9	0.4	0.2	9.9	40.0	9.3	1.6	-	0.5	5.1
SUBTOTAL	2,185,282	34.5	0.3	1.4	9.4	40.2	8.4	1.6	-	0.5	3.7
Specialized Institution:											
NC Sch. of Arts	422,007	44.3	-	5.5	6.8	32.2	5.2	0.6	-	0.5	4.9
Teaching Hospitals:											
UNC Hosp. at C. Hill	723,311	0.5	-	99.1	-	-	<0.1	0.1	-	-	0.4
Community Colleges:											
SUBTOTAL	9,165,187	64.5	<0.1	1.3	11.3	11.1	8.1	2.1	-	0.4	1.2
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	7,783,921	15.0	14.8	14.4	11.4	31.6	5.9	2.2	-	3.3	1.5
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,006,741	25.5	0.1	0.1	7.5	48.2	14.4	1.8	-	0.6	1.7
Junior Colleges:											
SUBTOTAL	927,737	25.3	-	0.1	6.5	55.9	9.3	1.9	-	0.4	0.6
GRAND TOTAL	58,132,538	31.4	5.5	4.6	11.2	34.9	7.9	1.8	-	1.2	1.6

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	138,480	73.2	-	0.4	10.1	5.9	6.3	3.1	-	-	0.9
Anson CC	42,304	60.6	-	1.0	14.6	11.8	6.0	3.8	-	-	2.1
Asheville-Bun. TCC	300,557	75.3	-	0.4	8.6	6.1	6.6	0.9	-	-	2.1
Beaufort Co. CC	112,854	60.7	-	1.2	9.8	12.8	9.6	5.0	-	-	0.9
Bladen CC	82,188	54.2	-	-	8.8	18.5	7.8	1.6	-	1.6	7.5
Blue Ridge CC	120,402	59.5	-	0.3	15.3	13.2	5.0	6.5	-	0.1	-
Brunswick CC	97,863	55.0	-	0.4	9.2	11.7	10.3	0.2	-	1.0	12.3
Caldwell CC & TI	151,461	64.4	-	-	12.9	13.9	8.6	0.2	-	-	0.1
Cape Fear CC	148,143	69.0	-	0.3	12.7	8.8	9.0	0.1	-	0.1	-
Carteret CC	111,437	57.0	-	-	10.7	7.3	23.5	0.5	-	0.9	-
Catawba Vy. CC	202,697	70.9	-	0.1	10.5	7.9	9.9	-	-	0.7	-
C. Carolina CC	182,670	66.4	-	0.7	9.3	7.0	3.6	2.2	-	10.1	0.7
C. Piedmont CC	545,347	69.5	-	<0.1	12.6	8.0	8.4	1.5	-	-	-
Cleveland CC	135,751	64.1	-	2.9	13.9	9.9	7.0	1.9	-	-	0.3
Coastal Car. CC	177,146	72.2	-	0.1	11.1	9.3	5.2	2.1	-	-	-
Col. Albemarle	119,091	58.1	-	14.3	11.6	9.1	5.4	1.4	-	-	-
Cravan CC	105,658	73.8	-	0.1	13.3	7.8	5.0	-	-	-	-
Davidson Co. CC	152,421	60.6	-	1.2	17.7	7.9	9.1	2.5	-	0.9	-
Durham TCC	172,035	65.6	-	0.1	11.5	8.3	9.9	3.0	-	1.6	<0.1
Edgecombe CC	106,173	59.8	-	0.2	13.4	13.2	7.0	-	-	-	6.4
Fayettev'le TCC	380,655	61.2	-	4.1	8.9	10.9	8.6	2.7	-	0.2	3.5
Forsyth TCC	366,385	69.5	-	0.3	10.5	10.4	6.6	2.3	-	0.1	0.2
Gaston Col.	254,433	67.9	-	3.6	10.2	10.7	6.8	0.8	-	-	-
Guilford TCC	442,151	71.1	-	1.8	9.2	9.5	6.3	1.9	-	-	0.3
Halifax CC	96,917	58.6	-	3.1	10.8	14.6	10.0	2.9	-	-	-
Haywood CC	212,662	67.6	-	0.6	7.2	8.2	4.5	3.5	-	0.1	8.3
Isothermal CC	169,036	74.4	-	0.6	7.1	8.1	7.5	2.4	-	-	-
J. Sprunt CC	86,093	68.6	-	0.7	5.7	13.4	7.1	4.4	-	-	-
Johnston CC	145,288	62.3	-	0.9	8.9	18.6	5.3	4.1	-	-	-
Lenoir CC	162,746	62.6	-	0.7	16.6	7.8	10.9	0.4	-	0.9	-
Martin CC	165,506	44.3	0.1	0.2	7.8	34.9	3.1	2.2	-	0.2	7.2
Mayland CC	56,935	53.2	-	0.5	18.9	10.9	14.0	2.5	-	-	-
McDowell TCC	72,349	72.3	-	-	10.9	6.5	7.3	2.9	-	-	-
Mitchell CC	178,936	57.5	-	0.1	10.1	17.1	11.1	1.0	-	0.1	3.1
Montgomery CC	50,518	69.8	-	-	10.9	9.2	7.8	2.3	-	-	-
Nash CC	98,846	72.4	-	0.5	5.7	6.6	7.4	7.3	-	-	-
Pamlico CC	28,597	57.0	-	0.8	18.5	9.3	10.4	4.1	-	-	-
Piedmont CC	98,184	53.1	-	12.7	8.8	7.2	13.7	3.3	-	1.2	-
Pitt CC	144,993	65.9	-	0.2	20.2	5.3	6.4	1.8	-	-	0.2
Randolph CC	157,155	66.8	-	0.1	11.1	11.4	10.2	0.5	-	-	-
Richmond CC	113,949	64.3	-	1.0	13.4	10.6	9.2	1.5	-	-	-
Roanoke-Cho. CC	100,151	63.7	-	2.5	9.3	10.1	6.4	4.2	-	-	3.9
Robeson CC	136,237	57.9	-	-	10.7	19.4	10.6	1.3	-	-	-
Rockingham CC	192,454	68.9	-	0.8	9.8	11.0	8.5	0.9	-	<0.1	0.1
Rowan-Cab. CC	170,067	69.9	-	-	13.7	9.1	4.7	2.7	-	-	-
Sampson CC	87,516	60.1	-	-	15.0	12.3	12.4	0.1	-	-	-
Sandhills CC	200,250	59.8	-	0.1	12.6	17.2	7.2	2.8	-	<0.1	0.2
Southeastern CC	123,430	62.9	-	0.8	11.5	11.8	11.9	1.0	-	-	-
Southwestern CC	143,013	50.9	-	2.4	10.0	23.1	9.8	2.0	-	1.1	0.9
Stanly CC	73,751	63.0	-	0.2	7.9	14.6	9.5	0.6	-	-	4.2
Surry CC	133,531	69.0	-	0.1	10.3	13.5	4.7	2.5	-	-	-
Tri-County CC	82,943	63.9	-	-	8.3	12.6	15.2	-	-	-	-
Vance-Granv. CC	134,928	57.7	-	15.5	10.8	5.8	9.7	0.7	-	-	-
Wake TCC	275,410	59.8	-	-	15.7	8.8	10.8	3.3	-	-	1.8
Wayne CC	184,106	63.4	-	0.6	14.7	10.5	5.5	5.3	-	-	-
W. Piedmont CC	140,452	57.5	-	<0.1	13.6	10.2	8.3	3.6	-	-	6.8
Wilkes CC	180,864	53.9	-	<0.1	10.5	22.8	8.4	0.7	-	3.8	-
Wilson TCC	119,072	66.8	-	1.0	14.2	7.8	7.7	2.4	-	-	-
TOTAL	9,165,187	64.5	<0.1	1.3	11.3	11.1	8.1	2.1	-	0.4	1.2

101 BEST COPY AVAILABLE

TABLE 14a:
INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 Occupational-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 Home and Family Life Instruction. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 Personal Interest and Leisure Instruction. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.

33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Research Universities I:								
NC State	26.9	-	<0.1	-	<0.1	-	-	-
NC State Vet.	31.2	-	-	-	-	-	-	-
UNC-Chapel Hill	22.0	-	<0.1	0.3	0.6	-	-	-
UNC-Health Aff.	30.1	-	<0.1	<0.1	0.5	-	-	-
SUBTOTAL	25.3	-	<0.1	0.1	0.3	-	-	-
Doctoral Granting Universities I:								
UNC-Greensboro	25.9	-	0.1	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	29.3	-	-	3.5	-	-	-	-
East Carolina	31.8	-	<0.1	-	-	-	-	-
ECU-Health Aff.	18.6	-	-	-	-	-	-	-
Fayetteville	35.1	-	-	0.6	-	-	-	-
NC A & T	32.0	-	<0.1	-	-	-	-	-
NC Central	33.8	-	0.1	-	-	<0.1	-	-
UNC-Charlotte	30.9	-	-	-	-	-	-	-
UNC-Wilmington	21.6	-	-	-	0.4	-	-	-
West'n Carolina	25.7	-	<0.1	0.1	0.1	0.1	-	-
SUBTOTAL	29.4	-	<0.1	0.6	<0.1	<0.1	-	-
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	32.0	-	0.8	-	-	-	-	-
Pembroke	39.1	-	0.2	-	-	-	-	-
UNC-Asheville	33.9	-	-	-	-	-	-	-
Winston-Salem	32.0	-	0.9	-	-	-	-	-
SUBTOTAL	34.0	-	0.5	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
0.4	19.1	-	-	1.6	2.0	0.1	NC State
-	30.5	9.9	13.5	-	-	-	NC State Vet.
0.1	3.7	-	-	1.2	-	0.1	UNC-Chapel Hill
2.4	25.1	4.9	6.8	0.3	-	-	UNC-Health Aff.
0.5	13.4	0.8	1.1	1.3	0.9	0.1	SUBTOTAL
							Doctoral Granting Universities I:
-	3.1	-	-	<0.1	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	0.3	-	-	0.6	-	-	Appalachian
0.3	2.1	-	<0.1	0.7	-	0.1	East Carolina
-	29.2	9.2	15.3	1.4	-	-	ECU-Health Aff.
-	0.1	-	-	0.4	-	<0.1	Fayetteville
0.2	7.0	-	-	0.2	0.5	0.1	NC A & T
0.5	0.6	-	-	0.1	-	-	NC Central
0.8	3.6	-	-	-	-	-	UNC-Charlotte
1.2	0.9	-	-	-	-	-	UNC-Wilmington
-	0.9	-	-	0.1	-	<0.1	West'n Carolina
0.3	3.2	0.4	0.6	0.4	0.1	<0.1	SUBTOTAL
							Comp. II and Lib. Arts I Univ.:
-	-	-	-	2.7	-	0.3	Elizabeth City
-	-	-	-	0.4	-	-	Pembroke
0.2	0.4	-	-	1.8	-	-	UNC-Asheville
-	0.4	-	-	0.2	-	<0.1	Winston-Salem
0.1	0.2	-	-	1.3	-	0.1	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	44.3	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	0.4	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.5	49.5	0.7	3.1	2.8	0.2	0.3	0.5
			PRIVATE INSTITUTIONS					
Major Research Universities:								
SUBTOTAL	14.8	-	0.1	0.1	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	25.3	-	0.1	<0.1	<0.1	-	-	-
Junior Colleges:								
SUBTOTAL	25.3	-	<0.1	-	-	-	-	-
GRAND TOTAL	22.1	7.8	0.2	0.7	0.5	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	5.5	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	-	31.1	68.0	-	-	-	UNC Hosp. at C.H.
							Community Colleges:
<0.1	-	-	-	1.3	<0.1	<0.1	SUBTOTAL
			PRIVATE INSTITUTIONS				
							Major Research Universities:
-	14.8	4.4	10.0	-	-	<0.1	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.1	-	-	SUBTOTAL
0.2	5.3	1.2	2.5	0.6	0.2	<0.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	0.1	61.0	0.5	2.1	9.5	-	-	-	0.4
Anson CC	6.7	46.2	0.2	7.0	0.5	-	-	-	1.0
Ashev'le-Bun. TCC	0.2	63.3	-	1.4	9.0	-	-	1.5	0.4
Beaufort Co. CC	-	50.4	-	3.0	7.3	-	-	-	1.2
Bladen CC	-	42.0	0.1	1.3	10.0	-	0.7	-	-
Blue Ridge CC	-	54.1	0.8	1.3	3.4	-	-	-	0.3
Brunswick CC	-	35.8	-	7.4	6.7	0.8	1.8	2.6	0.4
Caldwell CC & TI	9.6	53.3	1.5	-	-	-	-	-	-
Cape Fear CC	2.4	62.7	0.2	2.4	1.2	-	-	-	0.3
Carteret CC	0.1	51.8	0.1	2.5	0.1	-	-	2.5	-
Catawba Vy. CC	0.3	61.2	1.0	1.3	5.3	-	-	1.7	0.1
C. Carolina CC	-	62.2	0.1	1.4	2.7	-	-	-	0.7
C. Piedmont CC	12.7	50.9	0.7	4.8	0.4	-	-	-	<0.1
Cleveland CC	9.7	48.6	-	1.0	0.9	-	3.9	-	2.9
Coastal Car. CC	19.8	41.9	1.1	1.0	8.0	-	0.4	-	0.1
Col. Albemarle	15.7	35.0	0.7	6.6	0.3	-	-	-	14.3
Craven CC**	6.9	60.5	0.4	6.1	-	-	-	-	-
Davidson Co. CC	19.2	35.2	2.4	2.1	0.6	-	1.1	-	1.2
Durham TCC	0.3	59.1	-	5.6	0.5	-	-	-	0.1
Edgecombe CC	2.9	51.4	-	2.4	1.6	-	1.5	-	0.2
Fayettev'le TCC	-	49.8	0.2	8.3	3.0	-	-	-	4.1
Forsyth TCC	4.7	52.5	1.7	4.9	1.8	-	0.3	3.6	0.3
Gaston Col.	15.7	49.4	1.7	0.3	0.7	-	-	-	3.6
Guilford TCC*	3.3	53.4	1.6	5.5	5.7	0.2	-	1.4	1.8
Halifax CC	11.3	41.6	2.1	0.2	0.8	0.4	-	2.1	3.1
Haywood CC	-	57.4	0.4	1.2	3.3	-	3.4	1.8	0.6
Isothermal CC**	29.2	38.2	1.3	3.1	1.0	-	0.4	1.1	-
J. Sprunt CC	3.2	60.6	0.4	1.8	2.7	-	-	-	0.7
Johnston CC	-	62.3	-	-	-	-	-	-	0.9
Lenoir CC*	26.2	31.0	2.8	1.7	0.9	-	-	-	0.5

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Lenoir CC - 0.2, Pitt CC - 0.2
Subtotal - <0.1

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	7.8	33.3	0.6	2.2	0.4	-	-	-	0.2
Mayland CC	-	49.1	0.3	3.7	<0.1	-	-	-	0.5
McDowell TCC	1.7	62.8	0.7	2.0	5.1	-	-	-	-
Mitchell CC	19.1	20.0	-	15.4	3.0	-	-	-	0.1
Montgomery CC	-	69.1	-	0.7	-	-	-	-	-
Nash CC	1.2	50.5	1.5	-	17.9	0.6	0.7	-	0.5
Pamlico CC	-	57.0	-	-	-	-	-	-	0.8
Piedmont CC	-	47.5	0.5	2.2	2.9	-	-	-	12.7
Pitt CC*	6.0	56.8	0.7	2.3	-	-	-	-	-
Randolph CC	-	59.4	-	1.1	6.3	-	-	-	0.1
Richmond CC	-	55.5	-	8.0	0.5	0.3	-	-	1.0
Roanoke-Cho. CC	-	40.4	-	1.7	2.3	17.2	-	2.1	2.5
Robeson CC	-	54.4	-	2.4	1.1	-	-	-	-
Rockingham CC	31.2	32.2	-	1.3	4.1	-	-	-	0.8
Rowan-Cab. CC	0.4	65.8	-	1.6	2.1	-	-	-	-
Sampson CC	-	48.9	2.0	6.3	-	-	2.9	-	-
Sandhills CC	24.2	30.9	0.9	0.3	3.5	-	-	-	0.1
Southeastern CC	16.5	42.7	1.3	2.6	-	-	-	-	0.8
Southwestern CC	-	46.9	0.7	2.2	-	-	-	1.0	2.4
Stanly CC**	0.3	60.5	-	-	2.3	-	-	-	-
Surry CC	20.6	42.6	1.0	0.1	4.8	-	-	-	0.1
Tri-County CC	4.4	53.7	-	4.7	-	-	0.9	0.2	-
Vance-Granv. CC	5.0	46.1	0.6	4.5	1.2	-	-	0.2	15.5
Wake TCC	1.7	53.0	-	2.7	2.4	-	-	-	-
Wayne CC	8.5	51.4	-	3.2	0.3	-	-	-	0.6
W. Piedmont CC	25.3	27.4	-	3.2	1.6	-	-	-	<0.1
Wilkes CC	15.9	35.8	-	0.1	2.1	-	-	-	<0.1
Wilson TCC	0.1	58.6	4.1	0.7	2.6	-	0.7	-	1.0
TOTAL	7.5	49.5	0.7	3.1	2.8	0.2	0.3	0.5	1.3

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.6, Stanly CC - 0.2, Subtotal - <0.1

TABLE 14b:
ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 Academic Computer Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museums & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Research Universities I:								
NC State	5.6	0.1	0.2	0.6	<0.1	2.6	-	-
NC State Vet.	5.3	-	1.0	0.1	-	3.8	-	-
UNC-Chapel Hill	13.2	0.5	0.3	0.5	0.5	3.6	-	0.1
UNC-Health Aff.	4.7	-	0.3	0.2	3.9	12.6	0.1	<0.1
SUBTOTAL	8.8	0.3	0.3	0.5	0.7	4.3	<0.1	<0.1
Doctoral Granting Universities I:								
UNC-Greensboro	7.4	1.5	1.0	1.0	0.8	1.5	-	-
Comprehensive I Universities:								
Appalachian	5.6	1.0	0.4	0.4	0.6	2.0	0.2	0.1
East Carolina	6.2	0.4	0.3	0.1	2.1	1.3	<0.1	-
ECU-Health Aff.	7.5	0.1	1.6	0.2	-	8.3	-	-
Fayetteville	8.9	0.4	0.8	0.2	1.0	2.0	-	-
NC A & T	7.2	0.4	0.2	0.3	4.3	3.4	-	-
NC Central	9.0	0.4	0.5	0.3	1.2	2.8	-	<0.1
UNC-Charlotte	6.0	0.1	0.5	0.5	-	2.5	-	-
UNC-Wilmington	12.1	<0.1	-	0.1	-	2.5	-	0.1
West'n Carolina	7.5	0.6	0.6	0.1	3.9	1.3	-	0.1
SUBTOTAL	7.3	0.4	0.4	0.2	1.7	2.4	<0.1	<0.1
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	5.5	0.1	0.1	0.3	0.8	1.0	-	-
Pembroke	5.7	1.4	0.3	0.1	-	1.1	-	-
UNC-Asheville	8.4	0.5	1.1	0.9	-	0.6	-	-
Winston-Salem	5.3	1.4	0.1	0.9	0.4	1.9	-	-
SUBTOTAL	6.1	0.8	0.4	0.6	0.3	1.2	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	4.3	0.7	0.1	0.1	0.6	1.1	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.4	0.1	1.0	0.1	1.0	1.7	<0.1	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	7.5	0.4	0.2	0.3	<0.1	3.1	-	<0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	6.1	0.4	0.2	0.1	0.3	0.4	-	<0.1
Junior Colleges:								
SUBTOTAL	5.6	0.6	-	<0.1	-	0.2	-	-
GRAND TOTAL	7.2	0.4	0.4	0.3	0.7	2.2	<0.1	<0.1

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	4.8	-	0.7	0.2	3.0	1.4	-	-
Anson CC	9.9	-	0.6	0.2	-	4.0	-	-
Ashev'le-Bun. TCC	2.5	-	0.2	<0.1	5.2	0.7	-	-
Beaufort Co. CC	7.3	-	0.7	-	-	1.8	-	-
Bladen CC	6.8	-	0.3	-	-	1.7	-	-
Blue Ridge CC	9.4	0.1	2.2	-	2.5	1.1	-	-
Brunswick CC	6.5	-	1.4	-	0.3	1.0	-	-
Caldwell CC & TI	7.8	-	1.4	-	-	3.7	-	-
Cape Fear CC	9.6	-	1.6	0.3	-	1.2	-	-
Carteret CC	5.6	-	1.2	-	2.6	1.3	-	-
Catawba Vy. CC	5.9	0.2	1.3	-	0.5	2.7	-	-
C. Carolina CC	7.5	-	0.6	-	0.3	0.8	-	-
C. Piedmont CC	7.7	0.1	2.0	-	1.2	1.5	-	-
Cleveland CC	10.4	0.4	1.4	-	-	1.8	-	-
Coastal Car. CC	9.3	0.3	1.0	0.2	-	0.4	-	-
Col. Albemarle	8.3	0.6	0.5	-	-	2.1	-	-
Craven CC	10.0	-	1.6	-	-	1.7	-	-
Davidson Co. CC	10.5	-	1.9	0.1	3.4	1.8	-	-
Durham TCC	7.0	-	1.3	-	-	3.0	0.2	-
Edgecombe CC	9.1	-	1.5	0.3	-	2.5	-	-
Fayettev'le TCC	4.1	-	1.2	0.1	-	3.4	-	-
Forsyth TCC	5.7	-	0.4	0.6	-	3.7	-	-
Gaston Col.	4.2	0.2	-	0.2	4.8	0.7	-	-
Guilford TCC	6.7	-	0.7	-	-	1.7	0.1	-
Halifax CC	9.2	-	0.4	-	-	1.1	-	-
Haywood CC	4.2	0.2	0.2	-	1.9	0.7	-	-
Isothermal CC	6.2	-	0.1	-	-	0.8	-	-
J. Sprunt CC	4.4	-	-	-	-	1.3	-	-
Johnston CC	5.4	-	1.9	-	-	1.6	-	-
Lenoir CC	11.1	1.7	1.4	<0.1	-	2.4	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	6.5	-	-	-	-	1.3	-	-
Mayland CC	15.3	-	1.6	-	-	2.1	-	-
McDowell TCC	7.1	0.7	-	-	2.2	0.9	-	-
Mitchell CC	6.5	0.7	0.7	0.2	-	2.1	-	-
Montgomery CC	6.4	-	-	-	3.7	0.7	-	-
Nash CC	4.3	-	-	-	-	1.4	-	-
Pamlico CC	15.0	-	1.6	0.3	-	1.5	-	-
Piedmont CC	7.2	-	0.6	0.1	-	0.9	-	-
Pitt CC	14.0	-	2.1	-	3.1	0.7	0.3	-
Randolph CC	7.9	-	1.6	-	-	1.7	-	-
Richmond CC	10.0	-	1.5	0.6	-	1.2	-	-
Roanoke-Cho. CC	6.3	-	-	-	1.1	1.9	-	-
Robeson CC	7.5	-	1.4	-	-	1.9	-	-
Rockingham CC	6.3	0.8	0.5	0.1	1.0	1.2	-	-
Rowan-Cab. CC	10.1	-	0.9	-	-	2.7	-	-
Sampson CC	10.9	-	-	-	-	4.1	-	-
Sandhills CC	9.4	0.6	1.5	-	-	1.1	-	-
Southeastern CC	8.6	-	0.8	0.2	1.6	0.4	-	-
Southwestern CC	5.7	-	1.7	-	-	2.6	-	-
Stanly CC	6.7	-	0.2	0.1	-	0.9	-	-
Surry CC	8.7	-	1.0	0.1	-	0.4	-	-
Tri-County CC	7.7	-	-	-	-	0.6	-	-
Vance-Granv. CC	7.3	-	-	0.2	2.0	1.2	-	-
Wake TCC	10.0	-	2.0	0.2	2.7	0.8	-	-
Wayne CC	10.7	-	1.7	-	-	2.2	0.2	-
W. Piedmont CC	8.6	-	2.3	-	-	2.7	-	-
Wilkes CC	5.8	1.2	0.6	-	1.8	1.1	-	-
Wilson TCC	5.9	-	1.8	-	4.5	2.0	-	-
TOTAL	7.4	0.1	1.0	0.1	1.0	1.7	<0.1	-

TABLE 14c:
STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.

74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Research Universities I:												
NC State	0.2	3.2	0.2	0.1	25.5	3.2	0.3	0.4	0.8	<0.1	0.5	0.1
NC State Vet.	-	0.1	-	-	3.2	-	-	-	0.3	0.2	-	-
UNC-Chapel Hill	0.2	2.7	0.2	0.1	28.2	8.5	0.7	0.4	0.9	0.2	0.3	0.2
UNC-Health Aff.	0.1	<0.1	<0.1	<0.1	0.4	-	-	-	-	0.3	-	<0.1
SUBTOTAL	0.2	2.5	0.2	0.1	23.0	5.0	0.5	0.4	0.7	0.1	0.3	0.1
Doctoral Granting Universities I:												
UNC-Greensboro	0.3	7.5	0.4	0.2	34.9	1.4	0.8	0.8	1.1	0.1	0.1	-
Comprehensive I Universities:												
Appalachian	0.2	8.2	0.3	0.1	36.7	1.8	0.7	1.5	0.7	<0.1	0.5	-
East Carolina	0.2	5.7	0.3	0.2	37.6	2.7	0.5	0.3	0.9	0.1	-	0.1
ECU-Health Aff.	0.3	-	-	-	-	-	-	0.2	1.3	0.1	0.1	-
Fayetteville	0.1	6.2	1.1	0.8	29.7	1.0	0.7	-	1.7	-	-	0.6
NC A & T	0.2	4.1	0.7	0.2	27.5	1.1	0.4	0.2	0.9	<0.1	0.1	<0.1
NC Central	0.2	5.4	0.4	0.3	31.4	3.3	0.5	0.2	0.5	-	-	0.1
UNC-Charlotte	0.2	3.6	0.3	0.1	44.2	0.2	0.5	0.2	0.7	0.1	-	-
UNC-Wilmington	0.5	6.9	0.7	0.2	35.2	5.9	0.3	0.4	0.7	-	0.1	-
West'n Carolina	0.1	6.1	0.6	0.1	33.4	2.5	0.4	0.3	0.7	0.2	<0.1	0.1
SUBTOTAL	0.2	5.6	0.5	0.2	33.9	2.1	0.5	0.5	0.8	0.1	0.1	0.1
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	0.2	6.4	0.3	0.4	35.1	1.6	0.8	0.7	0.5	-	-	-
Pembroke	0.2	9.2	0.6	0.2	29.1	0.3	0.7	0.6	0.9	<0.1	-	0.1
UNC-Asheville	0.1	3.3	0.4	0.2	28.1	2.0	0.3	0.3	1.0	0.1	0.2	0.5
Winston-Salem	0.5	7.5	0.6	0.4	28.3	2.3	0.5	0.3	0.7	0.1	0.2	0.3
SUBTOTAL	0.3	6.7	0.5	0.3	30.3	1.6	0.6	0.5	0.7	0.1	0.1	0.2
Specialized Institution:												
NC Sch. of Arts	0.2	7.1	0.1	0.2	24.0	-	0.6	<0.1	0.5	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	0.1	-	-	-
Community Colleges:												
SUBTOTAL	0.4	4.8	0.9	0.2	4.7	<0.1	<0.1	0.1	1.6	<0.1	<0.1	0.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.1	3.7	0.1	0.1	24.4	2.9	0.4	0.4	1.0	0.2	0.4	0.2
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.3	7.8	0.3	0.2	36.6	2.7	0.4	0.2	1.3	0.1	0.1	0.1
Junior Colleges:												
SUBTOTAL	0.5	9.2	0.2	0.1	43.2	1.6	0.9	0.1	1.6	0.2	-	<0.1
GRAND TOTAL	0.2	5.2	0.4	0.2	26.1	2.4	0.4	0.3	1.1	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. [illegible]	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Community Colleges:												
Alamance CC	0.7	<0.1	0.2	0.5	4.4	-	-	0.4	2.7	-	-	-
Anson CC	0.4	6.7	0.8	0.5	3.5	-	-	-	3.8	-	-	-
Asheville-Bun. TCC	<0.1	2.1	0.2	0.1	3.6	-	-	0.2	0.4	-	-	0.2
Beaufort Co. CC	0.3	7.1	1.4	0.2	3.8	-	-	-	5.0	-	-	-
Bladen CC	0.8	15.2	1.2	-	1.3	-	-	-	-	-	-	1.6
Blue Ridge CC	0.3	4.0	0.8	-	8.0	-	-	-	5.0	-	-	1.5
Brunswick CC	1.8	-	0.4	0.4	9.1	-	-	-	0.2	-	-	-
Caldwell CC & TI	0.1	8.4	0.9	<0.1	4.4	-	-	-	0.1	-	-	0.1
Cape Fear CC	0.7	1.6	1.7	0.2	4.6	-	-	-	-	-	-	0.1
Carteret CC	0.6	2.2	0.2	0.1	4.3	-	-	0.3	0.3	-	-	-
Catawba Vy. CC	0.1	3.4	1.6	0.1	2.7	-	-	-	-	-	-	-
C. Carolina CC	0.7	0.3	0.7	0.1	5.2	-	-	2.2	-	-	-	-
C. Piedmont CC	0.6	2.2	0.6	0.5	4.1	-	-	0.2	0.7	0.1	0.1	0.3
Cleveland CC	0.4	6.1	-	0.6	2.8	-	-	0.1	1.8	-	-	-
Coastal Car. CC	<0.1	2.4	1.6	0.1	5.2	-	-	-	2.1	-	-	-
Col. Albemarle	1.3	5.7	0.2	0.3	1.5	-	-	-	1.4	-	-	-
Craven CC	0.1	3.4	1.0	0.2	3.1	-	-	-	-	-	-	-
Davidson Co. CC	0.2	2.5	0.4	0.2	4.7	-	-	0.1	2.5	-	-	-
Durham TCC	0.2	1.3	1.4	0.2	5.3	-	-	-	2.3	<0.1	-	0.6
Edgecombe CC	0.3	10.9	0.6	0.1	1.2	-	-	-	-	-	-	-
Fayettev'le TCC	0.7	5.3	1.0	0.1	3.7	-	0.1	0.3	1.3	0.3	-	0.8
Forsyth TCC	0.2	3.4	0.9	0.3	5.6	-	-	0.1	2.2	-	-	-
Gaston Col.	0.2	5.7	0.5	0.1	4.1	-	0.1	-	0.5	-	-	0.4
Guilford TCC	0.1	3.9	0.8	0.1	4.5	-	<0.1	-	1.5	<0.1	-	0.5
Halifax CC	0.2	5.0	1.6	0.3	7.4	-	-	0.1	2.7	0.1	-	-
Haywood CC	0.6	1.6	0.4	0.1	5.6	-	-	0.1	0.9	<0.1	-	2.5
Isothermal CC	0.3	3.8	0.5	0.2	3.4	-	-	0.5	1.1	0.4	0.4	-
J. Sprunt CC	0.6	4.4	1.9	0.4	6.1	-	-	-	4.4	-	-	-
Johnston CC	0.8	11.9	0.4	0.3	5.1	-	-	-	4.0	<0.1	-	-
Lenoir CC	-	2.1	0.2	0.5	3.6	1.4	-	-	0.4	-	-	-
Martin CC	0.9	30.1	0.8	0.1	2.9	-	-	0.2	2.1	-	-	-
Mayland CC	0.5	0.2	0.5	0.5	9.2	-	-	-	2.5	-	-	-
McDowell TCC	0.4	0.1	1.9	0.2	3.7	-	0.2	-	0.5	-	-	2.4
Mitchell CC	0.3	9.9	0.7	0.3	5.9	-	-	0.3	0.7	-	-	-
Montgomery CC	0.2	3.5	0.7	0.2	4.7	-	-	-	2.3	-	-	-
Nash CC	1.1	0.6	1.2	0.1	3.6	-	-	-	7.2	0.1	-	-
Pamlico CC	1.2	-	1.1	-	7.0	-	-	-	4.1	-	-	-
Piedmont CC	1.4	0.4	0.1	-	5.2	-	-	-	3.3	-	-	-
Pitt CC	1.3	0.1	0.5	0.3	3.1	-	-	-	1.8	-	-	-
Randolph CC	0.8	2.8	1.5	0.1	6.1	-	-	0.4	0.1	-	-	-
Richmond CC	0.4	4.5	1.8	0.1	3.7	-	0.1	-	1.5	-	-	-
Roanoke-Cho. CC	0.3	2.1	2.8	0.2	4.6	-	-	-	-	-	-	4.2
Robeson CC	0.7	10.3	1.3	0.2	7.0	-	-	-	1.3	-	-	-
Rockingham CC	0.2	6.9	0.3	0.1	3.5	-	-	0.1	0.6	-	-	0.2
Rowan-Cab. CC	-	-	1.0	-	8.1	-	-	-	2.5	0.1	-	-
Sampson CC	0.2	3.9	0.6	0.2	7.4	-	-	0.1	-	-	-	-
Sandhills CC	0.1	7.1	1.8	0.2	8.0	-	-	-	2.2	0.1	0.1	0.5
Southeastern CC	0.5	3.8	1.3	0.2	6.0	-	-	0.4	0.6	-	-	-
Southwestern CC	0.3	15.5	0.6	0.1	6.5	-	-	-	2.0	-	-	-
Stanly CC	0.1	5.9	0.8	0.1	7.7	-	-	-	0.6	-	-	-
Surry CC	0.1	3.1	2.3	0.1	7.8	-	-	0.1	2.4	-	-	-
Tri-County CC	0.9	7.2	0.2	0.1	4.2	-	-	-	-	-	-	-
Vance-Granv. CC	0.2	-	1.1	0.2	4.3	-	-	-	0.7	-	-	-
Wake TCC	0.4	1.7	1.2	0.2	5.1	-	0.1	<0.1	3.0	-	-	0.2
Wayne CC	0.3	5.5	0.5	0.4	3.6	-	0.1	-	5.3	-	-	-
W. Piedmont CC	0.7	3.9	0.5	0.2	4.7	-	<0.1	0.2	2.4	0.1	-	1.0
Wilkes CC	0.1	18.7	0.6	<0.1	3.4	-	-	0.1	0.4	0.1	-	-
Wilson TCC	0.5	2.0	0.8	0.1	4.1	-	0.4	0.1	2.2	0.1	-	-
TOTAL	0.4	4.8	0.9	0.2	4.7	<0.1	<0.1	0.1	1.6	<0.1	<0.1	0.3

BEST COPY AVAILABLE

TABLE 14d:
INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 Student Recruitment and Admissions. This subprgram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 Independent Operations/External Agencies. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux. Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Research Universities I:												
NC State	0.2	0.6	2.0	0.2	0.3	0.2	0.1	0.1	0.3	0.2	0.6	1.7
NC State Vet.	-	-	0.7	-	-	0.2	-	-	-	-	-	-
UNC-Chapel Hill	0.4	0.7	3.1	0.4	0.6	0.5	0.1	0.2	2.2	1.4	0.8	0.3
UNC-Health Aff.	-	-	0.2	-	<0.1	<0.1	<0.1	<0.1	1.0	2.7	2.5	0.6
SUBTOTAL	0.3	0.6	2.2	0.2	0.4	0.3	0.1	0.1	1.2	1.1	0.8	0.9
Doctoral Granting Universities I:												
UNC-Greensboro	0.7	0.4	4.4	0.4	0.2	1.0	0.1	-	-	-	0.1	2.7
Comprehensive I Universities:												
Appalachian	0.5	0.4	2.2	0.5	0.5	0.3	0.2	0.3	-	0.1	0.1	0.2
East Carolina	0.2	0.5	3.2	0.8	0.4	0.6	0.2	0.2	-	<0.1	-	-
ECU-Health Aff.	-	-	4.3	-	0.2	1.3	0.3	0.4	-	-	-	-
Fayetteville	1.3	1.0	2.8	<0.1	2.4	0.2	0.3	0.3	<0.1	0.3	-	-
NC A & T	1.0	0.9	1.3	0.1	1.0	0.3	0.1	0.1	-	0.5	0.1	3.6
NC Central	0.6	0.5	2.6	0.7	1.0	0.2	0.2	0.1	-	0.1	0.7	1.4
UNC-Charlotte	0.9	0.5	2.0	0.3	0.7	0.2	0.3	0.1	-	-	0.2	-
UNC-Wilmington	1.1	1.2	3.3	0.4	1.2	0.4	0.3	0.2	-	0.6	0.1	1.2
West'n Carolina	0.7	0.3	3.3	0.3	3.3	0.7	0.2	0.2	0.1	3.7	0.4	1.3
SUBTOTAL	0.7	0.6	2.6	0.4	1.1	0.4	0.2	0.2	<0.1	0.6	0.2	0.9
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	1.3	0.7	2.4	0.3	3.3	0.4	0.2	0.3	-	0.2	1.0	-
Pembroke	0.8	0.5	3.8	0.9	1.9	0.8	0.5	0.3	-	-	-	-
UNC-Asheville	1.0	0.8	1.6	<0.1	1.2	0.3	0.4	0.3	-	1.4	-	8.8
Winston-Salem	0.7	1.0	2.7	0.5	2.0	1.8	0.3	0.3	-	0.5	0.5	4.6
SUBTOTAL	1.0	0.8	2.6	0.4	2.1	0.9	0.3	0.3	-	0.5	0.4	3.3
Specialized Institutions:												
NC Sch. of Arts	0.7	0.3	1.0	0.1	2.3	0.5	0.2	0.2	0.5	-	<0.1	4.9
Teaching Hospitals:												
UNC Hosp. at C. H.	-	-	<0.1	-	-	-	-	-	-	-	<0.1	0.3
Community Colleges:												
SUBTOTAL	1.3	1.0	3.7	0.3	0.5	0.3	0.3	0.6	0.3	0.2	0.3	0.9
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.4	0.3	2.7	0.3	1.3	0.7	0.2	0.1	2.1	1.2	-	1.5
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.4	5.5	0.2	6.2	0.7	0.4	0.2	0.2	0.4	0.7	1.0
Junior Colleges:												
SUBTOTAL	0.8	0.5	1.4	<0.1	5.1	0.8	0.5	0.2	-	0.4	-	0.6
GRAND TOTAL	0.7	0.6	3.3	0.3	2.0	0.5	0.3	0.2	0.6	0.6	0.4	1.2

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	1.3	1.2	1.8	0.1	0.8	0.5	0.2	0.4	-	-	0.1	0.9
Anson CC	1.1	1.6	1.6	0.9	-	0.1	-	0.7	-	-	2.1	-
Asheville-Bun. TCC	0.8	0.4	4.3	0.1	0.2	0.3	0.1	0.3	-	-	0.1	2.0
Beaufort Co. CC	2.2	0.9	4.2	0.2	0.5	0.5	0.4	0.8	-	-	0.9	-
Bladen CC	1.7	1.2	4.3	0.3	0.1	-	-	0.2	-	1.6	7.5	-
Blue Ridge CC	0.8	1.5	1.4	0.1	0.5	0.2	-	0.5	-	0.1	-	-
Brunswick CC	2.2	1.2	4.9	0.3	1.0	0.4	0.1	0.2	-	1.0	0.7	11.5
Caldwell CC & TI	0.7	1.2	4.9	0.3	-	0.2	1.0	0.3	-	-	-	0.1
Cape Fear CC	1.3	1.6	4.2	0.3	0.1	0.3	0.6	0.4	-	0.1	-	-
Carteret CC	1.8	0.7	20.3	0.3	0.3	-	-	0.2	-	0.9	-	-
Catawba Vy. CC	0.6	1.0	6.9	0.2	0.5	-	-	0.7	-	0.7	-	-
C. Carolina CC	1.3	0.9	0.6	-	0.1	-	-	0.6	10.1	-	-	0.7
C. Piedmont CC	0.5	0.9	3.7	0.4	0.7	0.6	-	1.5	-	-	-	-
Cleveland CC	1.8	0.6	3.1	-	0.7	0.5	0.1	0.3	-	-	0.3	-
Coastal Car. CC	1.1	1.0	1.6	0.2	0.6	0.1	0.1	0.5	-	-	-	-
Col. Albemarle	1.3	1.1	1.7	0.2	0.3	-	0.2	0.5	-	-	-	-
Craven CC	1.1	1.2	1.7	-	0.3	0.4	-	0.4	-	-	-	-
Davidson Co. CC	1.5	0.8	4.1	0.4	1.4	0.2	0.2	0.5	-	0.9	-	-
Durham TCC	1.5	1.2	3.0	1.6	1.1	0.3	0.7	0.4	-	1.6	<0.1	-
Edgecombe CC	2.5	0.8	2.0	-	0.2	0.3	0.5	0.7	-	-	6.4	-
Fayettev'le TCC	1.4	1.1	3.8	0.8	0.3	0.1	0.6	0.6	-	0.2	-	3.5
Forsyth TCC	2.2	0.5	1.9	0.4	0.3	0.1	0.8	0.5	-	0.1	0.2	-
Gaston Col.	1.1	0.5	4.4	-	0.2	0.2	0.2	0.2	-	-	-	-
Guilford TCC	1.3	0.6	2.7	0.3	0.5	0.2	0.4	0.4	-	-	0.3	-
Halifax CC	1.5	0.6	4.7	0.5	0.6	0.5	0.7	0.9	-	-	-	-
Haywood CC	0.8	0.4	1.6	0.1	0.2	0.1	1.0	0.2	-	0.1	-	8.3
Isothermal CC	1.3	1.1	3.6	0.3	0.2	0.2	0.2	0.6	-	-	-	-
J. Sprunt CC	1.8	1.9	1.8	-	0.3	-	-	1.3	-	-	-	-
Johnston CC	0.6	1.0	2.6	0.2	0.5	-	0.1	0.3	-	-	-	-
Lenoir CC	0.8	1.5	4.7	0.3	1.2	0.6	1.3	0.5	-	0.9	-	-
Martin CC	0.6	0.6	1.1	0.3	0.2	-	-	0.2	-	0.2	-	7.2
Mayland CC	2.5	1.3	7.8	1.3	-	0.3	0.2	0.7	-	-	-	-
McDowell TCC	1.2	1.6	3.6	0.3	0.1	0.3	-	0.2	-	-	-	-
Mitchell CC	1.3	1.2	5.3	-	1.6	0.6	0.2	0.8	-	0.1	1.1	1.9
Montgomery CC	2.3	1.2	3.0	0.4	-	-	0.3	0.6	-	-	-	-
Nash CC	1.5	1.0	2.3	0.7	1.0	0.3	0.4	0.2	-	-	-	-
Pamlico CC	2.7	3.1	3.1	0.2	-	1.0	-	0.3	-	-	-	-
Piedmont CC	3.2	1.4	5.4	0.3	2.4	0.3	0.1	0.6	-	1.2	-	-
Pitt CC	0.7	1.4	2.2	0.7	0.6	0.2	-	0.7	-	-	0.2	-
Randolph CC	1.4	1.0	4.5	1.4	0.9	-	-	0.8	-	-	-	-
Richmond CC	3.9	1.1	2.8	0.1	0.2	0.5	0.1	0.6	-	-	-	-
Roanoke-Cho. CC	1.4	1.0	1.9	0.2	0.4	0.8	0.5	0.2	-	-	3.9	-
Robeson CC	1.6	1.2	5.2	0.4	0.5	0.1	0.9	0.8	-	-	-	-
Rockingham CC	1.2	1.0	3.8	0.4	0.9	0.3	0.5	0.4	-	<0.1	0.1	-
Rowan-Cab. CC	0.6	1.6	1.2	-	0.7	0.1	0.5	-	-	-	-	-
Sampson CC	3.0	2.3	5.2	0.3	-	0.2	0.2	1.3	-	-	-	-
Sandhills CC	1.1	0.3	2.0	0.4	2.6	0.2	0.3	0.4	-	<0.1	0.2	-
Southeastern CC	1.1	1.5	7.5	0.4	-	0.5	0.4	0.5	-	-	-	-
Southwestern CC	0.8	1.2	5.5	0.3	-	0.2	0.3	1.4	-	1.1	0.9	-
Stanly CC	3.3	1.3	1.9	0.2	0.3	0.7	0.3	1.5	-	-	-	4.2
Surry CC	0.5	1.0	1.8	0.5	0.6	0.1	0.1	-	-	-	-	-
Tri-County CC	0.8	0.7	13.3	0.1	-	-	-	0.4	-	-	-	-
Vance-Granv. CC	1.2	1.1	4.5	-	0.2	0.7	1.5	0.4	-	-	-	-
Wake TCC	1.8	0.5	5.6	0.6	1.0	0.3	0.3	0.7	-	-	-	1.8
Wayne CC	1.5	0.6	1.4	0.4	0.9	0.1	0.3	0.3	-	-	-	-
W. Piedmont CC	1.1	1.0	3.1	0.4	-	2.1	0.2	0.5	-	-	-	6.8
Wilkes CC	1.8	0.9	4.9	0.2	-	0.2	0.4	0.1	3.5	0.3	-	-
Wilson TCC	2.2	1.4	2.2	0.4	0.4	0.1	<0.1	1.0	-	-	-	-
TOTAL	1.3	1.0	3.7	0.3	0.5	0.3	0.3	0.6	0.3	0.2	0.3	0.9

TABLE 15:
ASSIGNABLE AREA BY ROOM CODES

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed which includes virtually all types of rooms, in terms of specific use, which can be found at a college or university. The Room Use Code Structure is summarized on page 118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fourth edition). The 1993 (Fifth) edition of this manual presents a revised structure to be used for data collection beginning in the fall of 1993.

Table 15 provides percentage distributions among the ten major room use code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Use Code	Norm (%)	All N. C. Institutions 1992 (%)
Classroom (Series 100)	8.0	7.8
Laboratory (Series 200)	14.5	15.1
Office (Series 300)	13.0	16.6
Study (Series 400)	6.8	7.5
Special Use (Series 500)	8.9	8.9
General Use (Series 600)	12.0	12.6
Supporting (Series 700)	6.5	5.2
Health Care (Series 800)	1.4	2.7
Residential (Series 900)	26.7	22.2
Unclassified (Series 000)	2.2	1.5

ROOM USE CODES

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Special Class Laboratory
225 Special Class Laboratory Service
230 Individual Study Laboratory
235 Individual Study Laboratory Service
250 Nonclass Laboratory
255 Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room (Office Related)
355 Conference Room Service (Office Related)

400 Study Facilities
410 Reading/Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic/Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic/Physical Education Service
530 Audiovisual, Radio, TV
535 Audiovisual, Radio, TV Service
540 Clinic (Nonhealth Professions)
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facilities
635 Food Facilities Service
650 Lounge
655 Lounge Service
660 Merchandising Facilities
665 Merchandising Facilities Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service
690 Locker Room

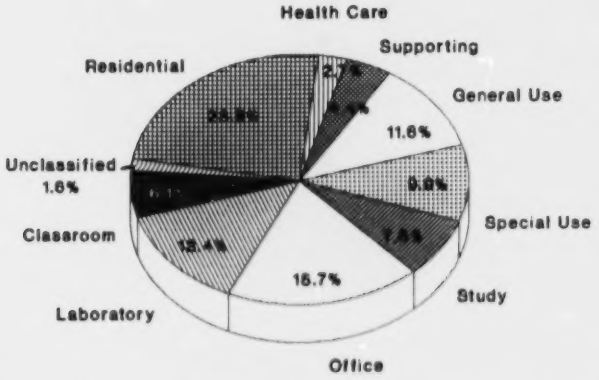
700 Supporting Facilities
710 Data Processing/Computer
715 Data Processing/Computer Service
720 Shop
725 Shop Service
730 Storage
735 Storage Service
740 Vehicle Storage Facility
745 Vehicle Storage Facility Service
750 Central Food Store
760 Central Laundry

800 Health Care Facilities
810 Patient Bedroom
820 Patient Bath
830 Nurse Station
840 Surgery
850 Treatment
860 Service Laboratory
870 Supplies
880 Public Waiting
895 Health Care Service

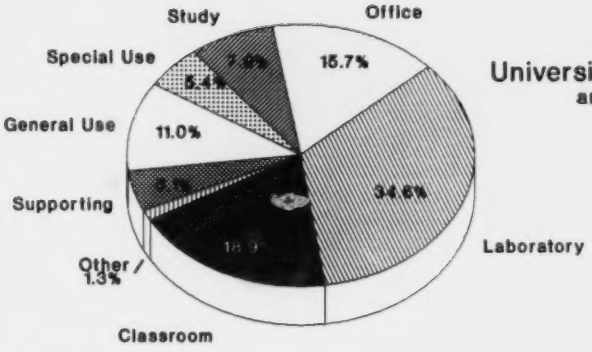
900 Residential Facilities
910 Sleep/Study without Toilet/Bath
919 Toilet/Bath
920 Sleep/Study with Toilet/Bath
935 Sleep/Study Service
950 Apartment
955 Apartment Service
970 House

000 Unclassified Facilities
050 Inactive Area
060 Alteration Area
070 Unfinished Area

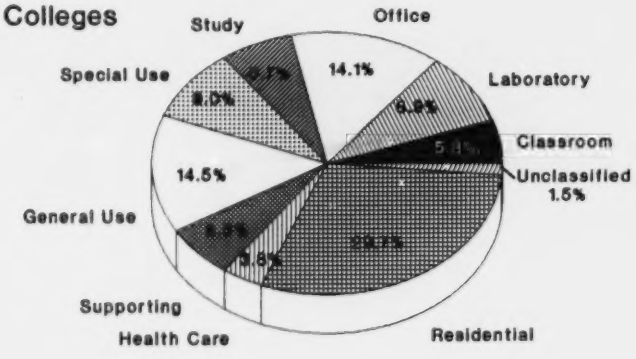
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Research Univ. I:									
NC State	4,582,286	210,373	4.6	992,811	21.7	924,507	20.2	252,800	5.5
NC State Vet.	228,280	7,336	3.2	47,928	21.0	35,630	15.6	13,269	5.8
UNC-Chapel Hill	4,715,157	225,950	4.8	397,486	8.4	848,503	18.0	617,392	13.1
UNC-Health Aff.	1,397,420	55,501	4.0	440,689	31.5	512,340	36.7	68,269	4.9
SUBTOTAL	10,923,143	499,160	4.6	1,878,914	17.2	2,320,980	21.2	951,730	8.7
Doctoral Granting Universities I:									
UNC-Greensboro	1,862,248	117,163	6.3	172,526	9.3	333,687	17.9	151,855	8.2
Comprehensive I Universities:									
Appalachian	2,015,190	162,148	8.0	153,850	7.6	322,866	16.0	109,461	5.4
East Carolina	2,169,941	173,888	8.0	280,565	12.9	355,515	16.4	137,604	6.3
ECU-Health Aff.	493,806	28,431	5.8	127,523	25.8	165,802	33.6	36,150	7.3
Fayetteville	599,442	64,583	10.8	57,648	9.6	102,677	17.1	58,379	9.7
NC A & T	1,543,313	101,845	6.6	244,344	15.8	255,182	16.5	120,490	7.8
NC Central	1,015,705	103,242	10.2	85,669	8.4	169,329	16.7	108,856	10.7
UNC-Charlotte	1,678,734	91,770	5.5	245,732	14.6	265,302	15.8	127,762	7.6
UNC-Wilmington	1,007,127	62,082	6.2	80,284	8.0	177,950	17.7	117,330	11.6
West'n Carolina	1,609,703	91,812	5.7	131,367	8.2	205,655	12.8	116,810	7.3
SUBTOTAL	12,132,961	879,801	7.3	1,406,982	11.6	2,020,278	16.7	932,842	7.7
Comp. II and Lib. Arts I Univ.:									
Elizabeth City	587,397	39,500	6.7	64,794	11.0	78,301	13.3	39,566	6.7
Pembroke	484,851	47,542	9.8	40,303	8.3	80,927	16.7	30,313	6.3
UNC-Asheville	498,721	45,921	9.2	61,790	12.4	76,212	15.3	44,967	9.0
Winston-Salem	614,313	66,181	10.8	41,770	6.8	104,637	17.0	36,491	5.9
SUBTOTAL	2,185,282	199,144	9.1	208,657	9.5	340,077	15.6	151,337	6.9
Specialized Institutions:									
NC Sch. of Arts	422,007	15,638	3.7	108,896	25.8	39,992	9.5	18,631	4.4
Teaching Hospitals:									
UNC Hosp. at C. Hill	723,311	1,564	0.2	1,834	0.3	221,618	30.6	5,712	0.8
Community Colleges:									
SUBTOTAL	9,165,187	1,732,569	18.9	3,173,411	34.6	1,440,017	15.7	726,632	7.9
				PRIVATE INSTITUTIONS					
Major Research Universities:									
SUBTOTAL	7,783,921	249,246	3.2	990,460	12.7	1,603,579	20.6	587,028	7.5
Gen. Baccalaureate Colleges:									
SUBTOTAL	12,006,741	791,556	6.6	786,382	6.5	1,223,449	10.2	753,484	6.3
Junior Colleges:									
SUBTOTAL	927,737	59,723	6.4	64,669	7.0	88,488	9.5	52,859	5.7
GRAND TOTAL	58,132,538	4,545,564	7.8	8,792,731	15.1	9,632,165	16.6	4,332,110	7.5

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Research Univ. I:
513,214	11.2	405,748	8.9	201,447	4.4	11,351	0.2	969,813	21.2	100,222	2.2	NC State
50,536	22.1	11,080	4.9	9,925	4.3	52,576	23.0	-	-	-	-	NC State Vet.
571,608	12.1	550,202	11.7	279,411	5.9	19,557	0.4	1,156,472	24.5	48,576	1.0	UNC-Chapel Hill
72,559	5.2	42,270	3.0	31,692	2.3	137,862	9.9	430	<0.1	35,808	2.6	UNC-Health Aff.
1,207,917	11.1	1,009,300	9.2	522,475	4.8	221,346	2.0	2,126,715	19.5	184,606	1.7	SUBTOTAL
												Doctoral Granting Universities I:
157,055	8.4	289,403	15.5	88,678	4.8	9,733	0.5	489,702	26.3	52,446	2.8	UNC-Greensboro
												Comprehensive I Universities:
208,680	10.4	330,857	16.4	104,453	5.2	11,973	0.6	605,542	30.0	5,360	0.3	Appalachian
172,034	7.9	224,464	10.3	93,957	4.3	5,975	0.3	725,939	33.5	-	-	East Carolina
28,334	5.7	8,297	1.7	26,327	5.3	72,942	14.8	-	-	-	-	ECU-Health Aff.
46,721	7.8	92,109	15.4	27,852	4.6	3,891	0.6	145,582	24.3	-	-	Fayetteville
201,609	13.1	167,520	10.9	34,752	2.3	6,016	0.4	355,311	23.0	56,244	3.6	NC A & T
136,655	13.5	102,048	10.0	29,646	2.9	4,727	0.5	256,374	25.2	19,159	1.9	NC Central
99,289	5.9	223,565	13.3	37,591	2.2	6,779	0.4	580,944	34.6	-	-	UNC-Charlotte
100,810	10.0	129,745	12.9	36,203	3.6	1,915	0.2	287,799	28.6	13,009	1.3	UNC-Wilmington
199,788	12.4	256,268	15.9	73,859	4.6	4,070	0.3	508,816	31.6	21,258	1.3	West'n Carolina
1,193,920	9.8	1,534,873	12.7	464,640	3.8	118,288	1.0	3,466,307	28.6	115,030	0.9	SUBTOTAL
												Comp. II and Lib. Arts I Univ.:
68,950	11.7	95,490	16.3	15,323	2.6	4,862	0.8	180,412	30.7	199	<0.1	Elizabeth City
65,594	13.5	84,732	17.5	22,045	4.5	2,965	0.6	110,430	22.8	-	-	Pembroke
34,045	6.8	58,201	11.7	18,083	3.6	1,192	0.2	114,489	23.0	43,821	8.8	UNC-Asheville
67,385	11.0	100,769	16.4	26,441	4.3	2,500	0.4	138,259	22.5	29,880	4.9	Winston-Salem
235,974	10.8	339,192	15.5	81,892	3.7	11,519	0.5	543,590	24.9	73,900	3.4	SUBTOTAL
												Specialized Institutions:
12,365	2.9	75,160	17.8	36,364	8.6	1,814	0.4	92,288	21.9	20,859	4.9	NC Sch. of Arts
												Teaching Hospitals:
1,730	0.2	41,649	5.8	40,640	5.6	401,848	55.6	4,361	0.6	2,355	0.3	UNC Hosp. at C. Hill
												Community Colleges:
497,900	5.4	1,009,815	11.0	466,925	5.1	1,698	<0.1	6,665	0.1	109,555	1.2	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
488,252	6.3	835,589	10.7	483,598	6.2	730,937	9.4	1,701,909	21.9	113,323	1.5	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,290,207	10.7	1,996,554	16.6	835,922	7.0	42,422	0.4	4,095,960	34.1	190,805	1.6	SUBTOTAL
												Junior Colleges:
88,410	9.5	172,896	18.6	24,025	2.6	8,042	0.9	363,247	39.2	5,378	0.6	SUBTOTAL
5,173,730	8.9	7,304,431	12.6	3,045,159	5.2	1,547,647	2.7	12,890,744	22.2	868,257	1.5	GRAND TOTAL

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	138,480	27,946	20.2	57,294	41.4	21,578	15.6	7,884	5.7
Anson CC	42,304	5,709	13.5	16,178	38.2	8,120	19.2	4,758	11.2
Ashev'le-Bun. TCC	300,557	75,332	25.1	114,372	38.1	38,376	12.8	8,709	2.9
Beaufort Co. CC	112,854	19,813	17.6	37,691	33.4	21,554	19.1	9,039	8.0
Bladen CC	82,188	9,282	11.3	32,750	39.8	9,598	11.7	5,240	6.4
Blue Ridge CC	120,402	21,645	18.0	43,751	36.3	13,710	11.4	10,734	8.9
Brunswick CC	97,863	19,082	19.5	27,346	27.9	13,659	14.0	6,943	7.1
Caldwell CC & TI	151,461	24,313	16.1	58,568	38.7	20,730	13.7	12,941	8.5
Cape Fear CC	148,143	23,926	16.2	63,693	43.0	30,661	20.7	13,067	8.8
Carteret CC	111,437	17,362	15.6	34,632	31.1	11,304	10.1	7,073	6.3
Catawba Vy. CC	202,697	36,341	17.9	86,733	42.8	28,432	14.0	17,661	8.7
C. Carolina CC	182,670	33,013	18.1	72,143	39.5	24,932	13.6	12,723	7.0
C. Piedmont CC	545,347	117,632	21.6	195,985	35.9	99,589	18.3	40,236	7.4
Cleveland CC	135,751	20,597	15.2	47,330	34.9	17,733	13.1	13,500	9.9
Coastal Car. CC	177,146	38,175	21.6	69,714	39.4	26,387	14.9	15,667	8.8
Col. Albemarle	119,091	17,930	15.1	38,023	31.9	18,070	15.2	13,563	11.4
Craven CC	105,658	27,284	25.8	37,102	35.1	15,831	15.0	14,397	13.6
Davidson Co. CC	152,421	27,277	17.9	44,423	29.1	23,084	15.1	16,094	10.6
Durham TCC	172,035	34,590	20.1	62,560	36.4	31,388	18.2	13,408	7.8
Edgecombe CC	106,173	22,885	21.6	33,109	31.2	17,175	16.2	9,608	9.0
Fayettev'le TCC	380,655	95,079	25.0	102,618	27.0	69,673	18.3	19,815	5.1
Forsyth TCC	366,385	77,495	21.2	129,835	35.4	66,640	18.2	24,258	6.6
Gaston Col.	254,433	52,811	20.8	113,833	44.7	32,538	12.8	12,415	4.9
Guilford TCC	442,151	94,214	21.3	171,768	38.8	69,838	15.8	30,086	6.8
Halifax CC	96,917	16,046	16.6	32,319	33.3	18,469	19.1	11,571	11.9
Haywood CC	212,662	16,542	7.8	94,081	44.2	24,364	11.5	8,534	4.0
Isothermal CC	169,036	25,115	14.9	60,830	36.0	19,758	11.7	11,793	7.0
J. Sprunt CC	86,093	16,755	19.5	29,366	34.1	19,141	22.2	4,368	5.1
Johnston CC	145,288	24,608	16.9	50,328	34.6	15,172	10.4	9,177	6.3
Lenoir CC	162,746	31,781	19.5	41,623	25.6	27,213	16.7	17,282	10.6
Martin CC	165,506	12,311	7.4	47,588	28.8	16,020	9.7	12,613	7.6
Mayland CC	56,935	11,785	20.7	13,603	23.9	11,704	20.6	8,531	15.0
McDowell TCC	72,349	16,211	22.4	31,386	43.4	11,402	15.8	4,962	6.9
Mitchell CC	178,936	31,365	17.5	48,939	27.4	24,465	13.7	14,350	8.0
Montgomery CC	50,518	7,023	13.9	25,410	50.3	7,167	14.2	3,043	6.0
Nash CC	98,846	26,821	27.1	37,450	37.9	16,229	16.4	4,756	4.8
Pamlico CC	28,597	4,533	15.9	10,688	37.4	4,685	16.4	3,916	13.7
Piedmont CC	98,184	15,044	15.3	31,032	31.6	15,280	15.6	7,377	7.5
Pitt CC	144,993	24,028	16.6	52,968	36.5	28,239	19.5	20,915	14.4
Randolph CC	157,155	31,886	20.3	62,558	39.8	25,472	16.2	9,826	6.3
Richmond CC	113,949	18,575	16.3	40,446	35.5	23,274	20.4	11,100	9.7
Roanoke-Cho. CC	100,151	12,394	12.4	46,101	46.0	13,391	13.4	7,992	8.0
Robeson CC	136,237	22,789	16.7	43,971	32.3	24,963	18.3	11,391	8.4
Rockingham CC	192,454	34,293	17.8	58,203	30.2	25,279	13.1	12,911	6.7
Rowan-Cab. CC	170,067	47,221	27.8	52,749	31.0	24,780	14.6	17,403	10.2
Sampson CC	87,516	12,832	14.7	30,172	34.5	18,728	21.4	10,424	11.9
Sandhills CC	200,250	38,128	19.0	51,750	25.8	33,613	16.8	19,753	9.9
Southeastern CC	123,430	28,403	23.0	29,959	24.3	19,783	16.0	13,476	10.9
Southwestern CC	143,013	23,387	16.4	36,897	25.8	25,966	18.2	10,015	7.0
Stanly CC	73,751	13,467	18.3	25,770	34.9	13,175	17.9	5,158	7.0
Surry CC	133,531	21,345	16.0	44,612	33.4	18,251	13.7	11,261	8.4
Tri-County CC	82,943	17,703	21.3	28,014	33.8	7,176	8.7	6,222	7.5
Vance-Granv. CC	134,928	24,113	17.9	45,706	33.9	25,630	19.0	9,715	7.2
Wake TCC	275,410	59,436	21.6	72,931	26.5	49,338	17.9	32,590	11.8
Wayne CC	184,106	32,627	17.7	64,381	35.0	32,597	17.7	19,546	10.6
W. Piedmont CC	140,452	26,789	19.1	38,818	27.6	25,470	18.1	14,912	10.6
Wilkes CC	180,864	28,145	15.6	50,944	28.2	22,452	12.4	10,904	6.0
Wilson TCC	119,072	19,336	16.2	50,367	42.3	20,771	17.4	9,326	7.8
TOTAL	9,165,187	1,732,569	18.9	3,173,411	34.6	1,440,017	15.7	726,632	7.9

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Community Colleges:
6,886	5.0	9,080	6.6	5,871	4.2	-	-	627	0.5	1,314	0.9	Alamance CC
240	0.6	4,001	9.5	2,398	5.7	-	-	-	-	900	2.1	Anson CC
26,850	8.9	17,138	5.7	13,543	4.5	-	-	-	-	6,237	2.1	Ashev'le-Bun. TCC
1,355	1.2	12,983	11.5	9,398	8.3	-	-	-	-	1,021	0.9	Beaufort Co. CC
253	0.3	14,180	17.3	4,713	5.7	-	-	-	-	6,172	7.5	Bladen CC
6,323	5.3	15,086	12.5	9,153	7.6	-	-	-	-	-	-	Blue Ridge CC
1,714	1.8	12,303	12.6	4,825	4.9	-	-	-	-	11,991	12.3	Brunswick CC
16,516	10.9	11,530	7.6	6,693	4.4	-	-	-	-	170	0.1	Caldwell CC & TI
2,263	1.5	11,323	7.6	2,953	2.0	-	-	257	0.2	-	-	Cape Fear CC
8,943	8.0	7,941	7.1	24,182	21.7	-	-	-	-	-	-	Carteret CC
7,222	3.6	14,854	7.3	11,454	5.7	-	-	-	-	-	-	Catawba Vy. CC
4,074	2.2	29,814	16.3	4,657	2.5	-	-	-	-	1,314	0.7	C. Carolina CC
33,546	6.2	37,280	6.8	21,079	3.9	-	-	-	-	-	-	C. Piedmont CC
11,752	8.7	16,734	12.3	7,873	5.8	-	-	-	-	232	0.2	Cleveland CC
4,032	2.3	17,005	9.6	6,166	3.5	-	-	-	-	-	-	Coastal Car. CC
726	0.6	27,169	22.8	3,610	3.0	-	-	-	-	-	-	Col. Albemarle
1,797	1.7	7,909	7.5	1,338	1.3	-	-	-	-	-	-	Craven CC
18,137	11.9	13,981	9.2	9,425	6.2	-	-	-	-	-	-	Davidson Co. CC
2,732	1.6	17,854	10.4	9,503	5.5	-	-	-	-	-	-	Durham TCC
1,346	1.3	14,124	13.3	1,171	1.1	-	-	-	-	6,755	6.4	Edgecombe CC
17,941	4.7	32,309	8.5	29,630	7.8	378	0.1	-	-	13,512	3.5	Fayettev'le TCC
16,123	4.4	38,954	10.6	12,203	3.3	-	-	-	-	877	0.2	Forsyth TCC
6,380	2.5	27,148	10.7	9,029	3.5	279	0.1	-	-	-	-	Gaston Col.
19,414	4.4	41,870	9.5	13,830	3.1	84	<0.1	-	-	1,047	0.2	Guilford TCC
1,069	1.1	12,680	13.1	4,764	4.9	-	-	-	-	-	-	Halifax CC
27,392	12.9	15,565	7.3	8,386	3.9	-	-	233	0.1	17,565	8.3	Haywood CC
25,791	15.3	16,390	9.7	9,359	5.5	-	-	-	-	-	-	Isothermal CC
2,969	3.4	9,410	10.9	4,084	4.7	-	-	-	-	-	-	J. Sprunt CC
12,424	8.6	25,179	17.3	8,400	5.8	-	-	-	-	-	-	Johnston CC
21,794	13.4	15,235	9.4	7,818	4.8	-	-	-	-	-	-	Lenoir CC
5,808	3.5	53,649	32.4	5,581	3.4	-	-	-	-	11,936	7.2	Martin CC
884	1.6	5,493	9.6	4,935	8.7	-	-	-	-	-	-	Mayland CC
1,623	2.2	3,885	5.4	2,770	3.8	110	0.2	-	-	-	-	McDowell TCC
16,836	9.4	28,474	15.9	9,487	5.3	-	-	-	-	5,020	2.8	Mitchell CC
1,538	3.0	4,096	8.1	2,241	4.4	-	-	-	-	-	-	Montgomery CC
-	-	4,658	4.7	8,932	9.0	-	-	-	-	-	-	Nash CC
465	1.6	2,114	7.4	2,196	7.7	-	-	-	-	-	-	Pamlico CC
12,031	12.3	9,689	9.9	7,731	7.9	-	-	-	-	-	-	Piedmont CC
8,036	5.5	6,818	4.7	3,688	2.5	-	-	-	-	301	0.2	Pitt CC
4,769	3.0	14,515	9.2	8,129	5.2	-	-	-	-	-	-	Randolph CC
4,082	3.6	12,381	10.9	3,991	3.5	100	0.1	-	-	-	-	Richmond CC
1,087	1.1	9,791	9.8	5,504	5.5	-	-	-	-	3,891	3.9	Roanoke-Cho. CC
1,747	1.3	25,074	18.4	6,302	4.6	-	-	-	-	-	-	Robeson CC
29,141	15.1	23,454	12.2	9,092	4.7	-	-	-	-	81	<0.1	Rockingham CC
3,633	2.1	18,654	11.0	5,627	3.3	-	-	-	-	-	-	Rowan-Cab. CC
1,140	1.3	10,003	11.4	4,217	4.8	-	-	-	-	-	-	Sampson CC
12,264	6.1	30,231	15.1	8,473	4.2	-	-	5,548	2.8	490	0.2	Sandhills CC
10,138	8.2	11,872	9.6	9,799	7.9	-	-	-	-	-	-	Southeastern CC
7,855	5.5	30,109	21.1	7,520	5.3	-	-	-	-	1,264	0.9	Southwestern CC
1,444	2.0	10,359	14.0	1,264	1.7	-	-	-	-	3,114	4.2	Stanly CC
17,796	13.3	14,811	11.1	5,455	4.1	-	-	-	-	-	-	Surry CC
-	-	13,669	16.5	10,159	12.2	-	-	-	-	-	-	Tri-County CC
2,764	2.0	22,008	16.3	4,992	3.7	-	-	-	-	-	-	Vance-Granv. CC
11,938	4.3	22,914	8.3	21,086	7.7	328	0.1	-	-	4,849	1.8	Wake TCC
4,499	2.4	18,169	9.9	12,156	6.6	131	0.1	-	-	-	-	Wayne CC
5,100	3.6	12,628	9.0	7,179	5.1	54	<0.1	-	-	9,502	6.8	W. Piedmont CC
21,808	12.1	35,192	19.5	11,419	6.3	-	-	-	-	-	-	Wilkes CC
1,470	1.2	8,076	6.8	9,492	8.0	234	0.2	-	-	-	-	Wilson TCC
497,900	5.4	1,009,815	11.0	466,925	5.1	1,698	<0.1	6,665	0.1	109,555	1.2	TOTAL

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than ten assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

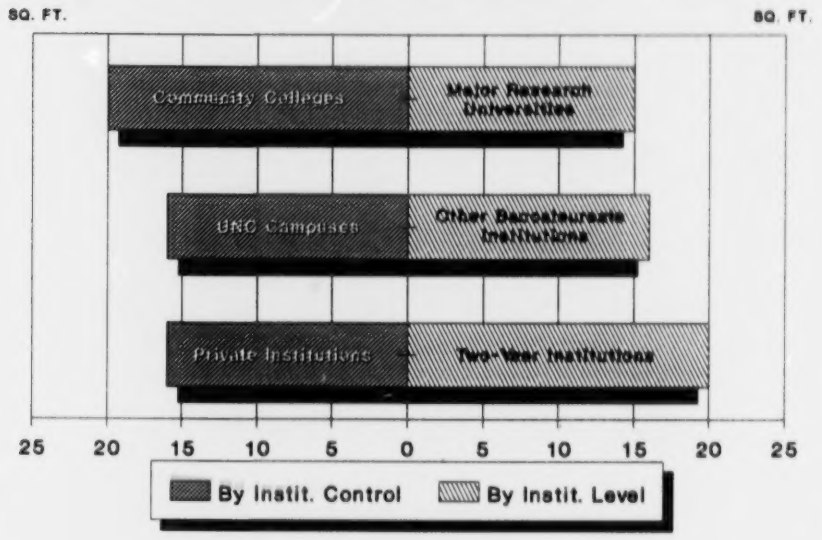
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

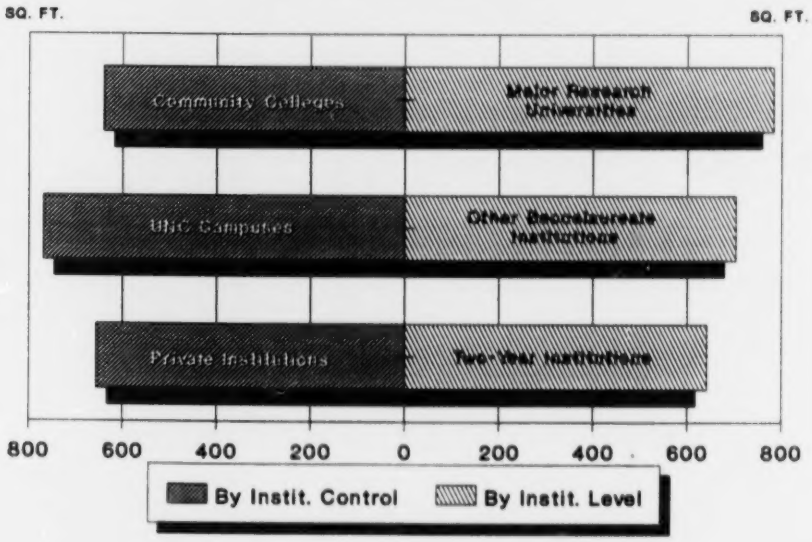
The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Research Universities I:									
NC State	245	13,865	57	201,561	15	15	14	14	14
NC State Vet.	5	416	83	6,930	17	17	17	17	17
UNC-Chapel Hill	254	13,863	55	213,383	15	15	15	15	15
UNC-Health Aff.	72	3,640	51	51,533	14	14	14	14	15
SUBTOTAL	576	31,784	55	473,407	15	15	15	15	15
Doctoral Granting Universities I:									
UNC-Greensboro	126	6,637	53	109,518	17	17	17	17	17
Comprehensive I Universities:									
Appalachian	205	8,828	43	157,827	18	18	18	18	18
East Carolina	213	9,986	47	170,119	17	16	16	17	16
ECU-Health Aff.	36	1,525	42	26,720	18	17	17	17	17
Fayetteville	87	3,524	41	61,539	17	18	17	17	16
NC A & T	149	6,409	43	96,862	15	16	15	16	16
NC Central	141	6,231	44	98,826	16	16	16	16	16
UNC-Charlotte	114	6,610	58	87,475	13	14	13	13	13
UNC-Wilmington	77	3,940	51	60,610	15	15	15	15	15
West'n Carolina	109	4,599	42	85,325	19	18	19	18	18
SUBTOTAL	1,131	51,652	46	845,303	16	16	16	16	16
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	56	2,425	43	38,633	16	16	16	16	16
Pembroke	68	2,850	42	47,065	17	17	16	16	16
UNC-Asheville	61	2,472	41	45,473	18	18	18	15	16
Winston-Salem	83	3,734	45	63,542	17	16	17	16	16
SUBTOTAL	268	11,481	43	194,713	17	17	17	16	16

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Specialized Institution:									
NC Sch. of Arts	26	697	27	15,333	22	22	19	20	20
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,609	83,883	32	1,673,672	20	20	20	20	20
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	333	15,633	47	238,330	15	15	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,189	46,566	39	762,331	16	16	16	16	16
Junior Colleges:									
SUBTOTAL	91	3,092	34	58,500	19	18	18	18	18
GRAND TOTAL	6,349	251,425	40	4,371,107	17	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Community Colleges:									
Alamance CC	39	1,554	40	27,506	18	17	17	17	16
Anson CC	10	249	25	5,618	23	23	24	23	23
Ashev'le-Bun. TCC	102	3,149	31	72,908	23	23	23	22	22
Beaufort Co. CC	33	876	27	18,591	21	20	20	19	20
Bladen CC	15	453	30	8,838	20	20	23	22	20
Blue Ridge CC	37	993	27	21,354	22	22	22	22	22
Brunswick CC	31	823	27	18,637	23	21	21	24	25
Caldwell CC & TI	38	1,192	31	23,355	20	20	20	22	22
Cape Fear CC	33	1,137	34	23,823	21	22	22	26	26
Carteret CC	33	915	28	16,922	18	19	18	18	18
Catawba Vy. CC	55	1,561	28	34,556	22	22	22	22	23
C. Carolina CC	53	1,554	29	32,701	21	22	22	22	22
C. Piedmont CC	188	6,412	34	110,262	17	17	17	17	16
Cleveland CC	34	1,075	32	19,467	18	18	18	18	19
Coastal Car. CC	58	1,805	31	37,570	21	20	20	20	20
Col. Albemarle	32	1,090	34	17,726	16	16	16	16	15
Craven CC	45	1,424	32	26,802	19	17	18	17	17
Davidson Co. CC	39	1,409	36	25,139	18	18	17	17	17
Durham TCC	57	1,747	31	33,492	19	19	20	20	20
Edgecombe CC	43	1,094	25	22,582	21	21	19	20	21
Fayettev'le TCC	126	4,455	35	93,300	21	20	18	18	19
Forsyth TCC	111	3,706	33	74,624	20	21	21	22	22
Gaston Col.	71	2,742	39	52,189	19	20	18	18	19
Guilford TCC	134	4,524	34	88,678	20	20	20	20	20
Halifax CC	24	809	34	15,776	20	20	20	19	22
Haywood CC	30	862	29	16,162	19	20	19	19	19
Isothermal CC	40	1,135	28	24,587	22	22	20	20	20
J. Sprunt CC	30	717	24	16,406	23	21	21	21	21
Johnston CC	37	1,348	36	22,073	16	18	18	17	16
Lenoir CC	49	1,389	28	30,134	22	19	20	20	19

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Community Colleges:									
Martin CC	20	570	29	11,563	20	21	21	21	25
Mayland CC	17	506	30	11,249	22	22	22	22	21
McDowell TCC	25	825	33	14,728	18	18	22	22	24
Mitchell CC	46	1,556	34	30,990	20	19	19	20	21
Montgomery CC	14	300	21	6,738	22	23	24	25	28
Nash CC	34	1,140	34	25,006	22	22	22	21	23
Pamlico CC	9	196	22	4,533	23	23	23	23	23
Piedmont CC	28	575	21	14,677	26	26	25	25	26
Pitt CC	36	1,266	35	23,294	18	19	19	18	19
Randolph CC	45	1,038	23	30,301	29	29	28	28	28
Richmond CC	36	939	26	18,303	19	19	20	20	20
Roanoke-Cho. CC	22	610	28	12,301	20	21	21	21	22
Robeson CC	32	1,023	32	22,297	22	20	21	23	23
Rockingham CC	42	1,584	38	32,589	21	20	21	21	21
Rowan-Cab. CC	73	2,530	35	46,010	18	18	18	18	18
Sampson CC	21	733	35	12,612	17	18	18	18	19
Sandhills CC	53	2,101	40	37,222	18	18	18	18	19
Southeastern CC	41	1,568	38	27,711	18	18	18	18	18
Southwestern CC	33	881	27	22,937	26	26	26	22	23
Stanly CC	21	751	36	13,114	17	18	18	18	18
Surry CC	30	948	32	20,760	22	22	23	23	24
Tri-County CC	24	765	32	17,357	23	23	22	22	25
Vance-Granv. CC	36	1,141	32	23,524	21	21	21	21	21
Wake TCC	86	3,008	35	58,985	20	20	20	20	20
Wayne CC	52	1,740	33	32,239	19	19	19	19	18
W. Piedmont CC	33	1,160	35	24,996	22	22	22	22	21
Wilkes CC	45	1,501	33	27,008	18	19	19	19	20
Wilson TCC	28	729	26	18,850	26	22	22	22	22
TOTAL	2,609	83,883	32	1,673,672	20	20	20	20	20

TABLE 17:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

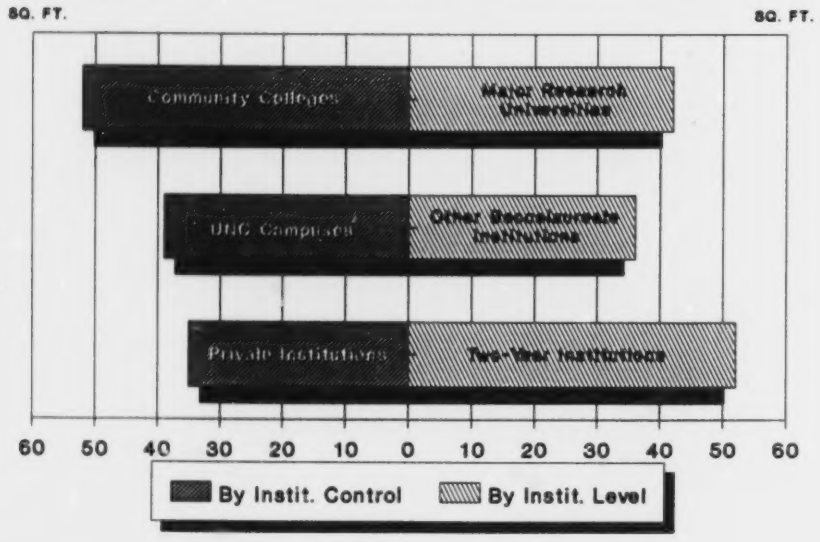
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The Higher Education Facilities Planning and Management Manuals (pages 127-133 of Manual Two) provide ranges for various types of class laboratories. Data for selected labs are provided below:

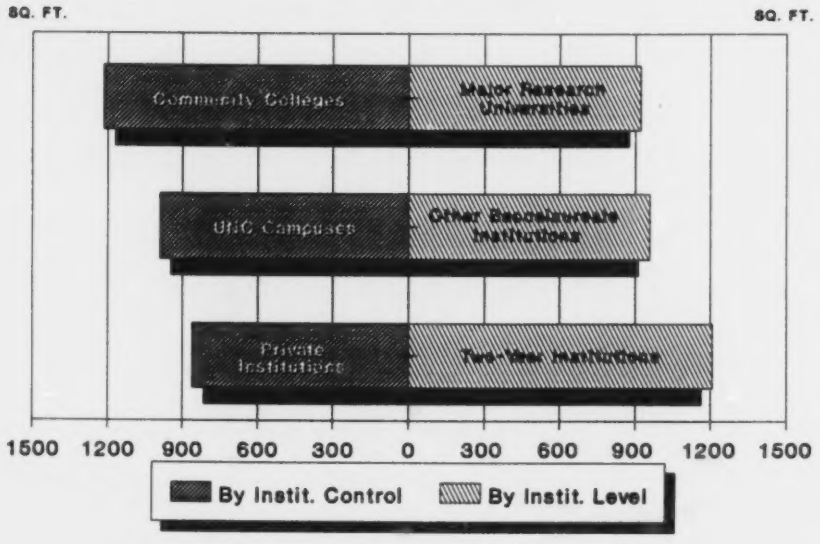
Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Research Universities I:									
NC State	230	5,353	23	243,055	45	46	54	54	55
NC State Vet.	6	214	36	12,476	58	61	61	61	61
UNC-Chapel Hill	88	2,699	31	90,702	34	35	33	33	38
UNC-Health Aff.	113	1,798	16	80,337	45	45	46	45	45
SUBTOTAL	437	10,064	23	426,570	42	43	47	47	49
Doctoral Granting Universities I:									
UNC-Greensboro	59	1,692	29	69,028	41	41	38	38	36
Comprehensive I Universities:									
Appalachian	90	2,307	26	90,860	39	39	39	41	40
East Carolina	132	3,272	25	134,861	41	39	41	42	42
ECU-Health Aff.	25	320	13	20,761	65	39	39	39	39
Fayetteville	33	1,124	34	31,562	28	28	27	27	27
NC A & T	74	2,173	29	69,616	32	31	32	30	34
NC Central	53	1,433	27	47,432	33	33	34	36	36
UNC-Charlotte	92	2,631	29	88,272	34	34	34	37	37
UNC-Wilmington	40	941	24	34,791	37	35	33	34	34
West'n Carolina	56	1,523	27	57,077	37	37	40	40	38
SUBTOTAL	595	15,724	26	575,232	37	36	36	37	37
Comprehensive II and Liberal Arts I Universities:									
Elizabeth City	41	1,119	27	42,938	38	38	38	39	39
Pembroke	33	791	24	24,758	31	31	32	27	26
UNC-Asheville	32	873	27	28,697	33	33	32	34	35
Winston-Salem	25	689	28	19,922	29	30	30	30	29
SUBTOTAL	131	3,472	27	116,315	34	34	34	33	33

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Specialized Institution:									
NC Sch. of Arts	45	977	22	68,991	71	72	71	71	64
Teaching Hospitals:									
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,138	49,490	23	2,597,784	52	53	53	52	52
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	152	2,965	20	115,762	39	39	40	40	45
Gen. Baccalaureate Colleges:									
SUBTOTAL	531	13,892	26	472,258	34	34	34	34	34
Junior Colleges:									
SUBTOTAL	48	1,138	24	41,462	36	38	38	38	36
GRAND TOTAL	4,136	99,414	24	4,483,402	45	45	46	45	45

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Community Colleges:									
Alamance CC	41	1,076	26	44,408	41	41	41	41	41
Anson CC	16	332	21	14,913	45	51	52	49	49
Ashev'le-Bun. TCC	54	1,201	22	85,210	71	71	76	59	62
Beaufort Co. CC	27	549	20	36,200	66	68	68	56	56
Bladen CC	21	451	21	28,257	63	65	60	65	62
Blue Ridge CC	24	607	25	39,733	65	65	73	76	76
Brunswick CC	20	362	18	23,147	64	64	64	64	53
Caldwell CC & TI	40	718	18	52,845	74	77	74	75	64
Cape Fear CC	41	897	22	51,964	58	59	61	64	67
Carteret CC	29	649	22	27,975	43	49	47	47	47
Catawba Vy. CC	52	1,179	23	69,839	59	60	61	59	59
C. Carolina CC	56	1,171	21	57,281	49	50	53	54	54
C. Piedmont CC	124	3,279	26	161,661	49	52	48	45	44
Cleveland CC	46	1,041	23	42,004	40	42	42	42	41
Coastal Car. CC	44	981	22	57,139	58	58	59	59	60
Col. Albemarle	30	743	25	34,178	46	46	46	46	46
Craven CC	33	833	25	28,810	35	34	36	38	38
Davidson Co. CC	33	788	24	37,984	48	49	48	48	47
Durham TCC	42	983	23	52,369	53	53	53	53	56
Edgecombe CC	35	677	19	31,078	46	46	44	44	42
Fayettev'le TCC	68	1,633	24	76,842	47	43	43	47	47
Forsyth TCC	67	1,622	24	102,053	63	66	69	66	60
Gaston Col.	61	1,560	26	79,710	51	51	52	50	50
Guilford TCC	105	2,413	23	143,380	59	60	58	57	59
Halifax CC	20	561	28	25,568	46	46	50	50	50
Haywood CC	55	1,151	21	65,752	57	57	58	55	55
Isothermal CC	37	862	23	43,573	51	53	49	51	51
J. Sprunt CC	21	453	22	25,588	56	59	59	67	68
Johnston CC	38	1,042	27	42,761	41	44	48	49	49
Lenoir CC	27	583	22	27,949	48	38	38	38	39

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1992	1991	1990	1989	1988
Community Colleges:									
Martin CC	28	744	27	43,734	59	62	62	65	70
Mayland CC	9	215	24	12,041	56	66	56	56	61
McDowell TCC	23	598	26	28,669	48	50	51	51	55
Mitchell CC	36	920	26	41,879	46	51	51	52	49
Montgomery CC	20	346	17	20,850	60	60	60	63	64
Nash CC	31	519	17	35,187	68	68	68	65	57
Pamlico CC	8	115	14	9,376	82	82	82	82	82
Piedmont CC	21	447	21	24,368	55	46	47	47	49
Pitt CC	46	858	19	44,981	52	55	60	54	54
Randolph CC	39	817	21	53,432	65	65	69	69	68
Richmond CC	26	513	20	35,047	68	71	68	72	71
Roanoke-Cho. CC	19	424	22	21,138	50	48	48	47	49
Robeson CC	34	1,022	30	39,764	39	40	40	40	44
Rockingham CC	38	897	24	52,535	59	57	57	56	57
Rowan-Cab. CC	38	887	23	45,649	51	49	47	47	47
Sampson CC	21	576	27	26,202	45	45	46	48	49
Sandhills CC	39	956	25	44,008	46	46	46	44	44
Southeastern CC	24	701	29	25,810	37	44	48	44	43
Southwestern CC	34	604	18	30,976	51	51	49	38	37
Stanly CC	23	739	32	24,405	33	40	40	40	38
Surry CC	31	753	24	36,226	48	48	49	49	49
Tri-County CC	20	361	18	23,683	66	66	79	79	74
Vance-Granv. CC	37	907	25	41,328	46	46	46	46	46
Wake TCC	51	968	19	57,983	60	63	63	63	60
Wayne CC	42	1,015	24	52,786	52	48	47	43	45
W. Piedmont CC	26	599	23	30,041	50	51	50	49	49
Wilkes CC	34	861	25	43,901	51	51	51	51	53
Wilson TCC	33	731	22	41,614	57	59	61	59	56
TOTAL	2,138	49,490	23	2,597,784	52	53	53	52	52

James H. and Jesse E. Millis Athletic/Convocation Center, High Point University

High Point University's new Millis Athletic/Convocation Center is another example of combining new construction with renovation of an existing, adjoining structure. The two-part project, which required more than six years of planning, construction, and renovation, was completed in 1992 at a cost of $6.5 million.

The project's first phase was the construction of a new aquatics and fitness center. The natatorium includes an Olympic-size, eight-lane pool with spectator seating. The Carr Center section houses health fitness areas with modern sports medicine and fitness equipment.

The final phase consisted of the complete renovation of Alumni Gymnasium, which was built in 1957. The refurbished athletic arena includes new lighting and sound systems, hardwood flooring, retractable seating for 1750 spectators, and a VIP box in the upper deck. The entire complex also contains new classrooms, offices, racquetball/handball courts, and meeting rooms.

Building Characteristics

Ownership of Buildings 139
Capital Investment in Buildings 142
Age of Buildings 152
Condition of Buildings 156
Estimated Cost to Renovate and Replace
Unsatisfactory Facilities 161

BEST COPY AVAILABLE

TABLE 18
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule.

3 Title vested in holding company or building corporation to which payments are being made by the institution and which will ultimately convey title to the institution. (Includes lease-purchase arrangement.)

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a non-educational institution).

Ownership for institutions of the University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Research Universities I:											
NC State	5,314,542	68.2	2,474,049	31.8	-	-	-	-	-	-	7,788,591
NC State Vet.	381,311	100.0	-	-	-	-	-	-	-	-	381,311
UNC-Chapel Hill	7,063,459	98.6	-	-	-	-	38,560	0.5	63,702	0.9	7,166,972
UNC-Health Aff.	2,782,971	81.3	522,938	15.3	-	-	115,484	3.4	-	-	3,421,393
SUBTOTAL	15,542,283	82.9	2,996,987	16.0	-	-	154,044	0.8	63,702	0.3	18,758,267
Doctoral Granting Universities I:											
UNC-Greensboro	2,910,809	99.7	-	-	-	-	9,950	0.3	-	-	2,920,759
Comprehensive I Universities:											
Appalachian	1,742,284	59.5	1,187,672	39.5	-	-	15,553	0.5	14,400	0.5	2,929,909
East Carolina	2,262,394	74.2	746,469	24.5	-	-	17,205	0.6	24,000	0.8	3,050,068
ECU-Health Aff.	677,577	92.3	-	-	-	-	27,320	3.7	29,200	4.0	734,097
Fayetteville	830,808	90.9	83,610	9.1	-	-	-	-	-	-	914,418
NC A & T	2,220,357	100.0	-	-	-	-	-	-	-	-	2,220,357
NC Central	1,551,131	99.8	-	-	-	-	-	-	3,122	0.2	1,554,253
UNC-Charlotte	1,923,672	64.3	1,068,712	35.7	-	-	-	-	-	-	2,992,384
UNC-Wilmington	1,022,840	70.2	434,271	29.8	-	-	-	-	-	-	1,457,111
West'n Carolina	1,611,679	68.3	746,441	31.7	-	-	-	-	-	-	2,358,120
SUBTOTAL	13,842,742	76.0	4,237,175	23.3	-	-	60,078	0.3	70,722	0.4	18,210,717
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	705,063	83.8	135,876	16.2	-	-	-	-	-	-	840,939
Pembroke	703,303	100.0	-	-	-	-	-	-	-	-	703,303
UNC-Asheville	599,480	79.8	152,000	20.2	-	-	-	-	-	-	751,480
Winston-Salem	792,452	86.1	127,536	13.9	-	-	-	-	-	-	919,988
SUBTOTAL	2,800,298	87.1	415,412	12.9	-	-	-	-	-	-	3,215,710
Specialized Institutions:											
NC Sch. of Arts	495,337	80.4	102,782	16.7	-	-	-	-	18,086	2.9	616,205
Teaching Hospitals:											
UNC Hosp. at C. Hill	1,178,979	92.7	-	-	-	-	85,827	6.7	-	-	1,271,527
Community Colleges:											
SUBTOTAL	12,754,926	95.7	-	-	19,142	0.1	230,126	1.7	253,526	1.9	13,333,241
					PRIVATE INSTITUTIONS						
Major Research Universities:											
SUBTOTAL	13,544,728	98.9	136,029	1.0	-	-	12,939	0.1	-	-	13,693,696
Gen. Baccalaureate Colleges:											
SUBTOTAL	14,998,545	88.7	1,614,840	9.6	123,093	0.7	79,826	0.5	85,507	0.5	16,901,811
Junior Colleges:											
SUBTOTAL	969,575	73.6	300,393	22.8	48,038	3.6	-	-	-	-	1,318,006
GRAND TOTAL	79,038,221	87.6	9,803,618	10	190,273	0.2	632,790	0.7	491,543	0.5	90,239,939

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	%	Institution Amortization Gross Sq. Ft. 2	%	Holding Co. Amortization Gross Sq. Ft. 3	%	Leased or Rented Gross Sq. Ft. 4	%	Nominal Rate Gross Sq. Ft. 5	%	* Total Gross Sq. Ft.
Community Colleges:											
Alamance CC	200,945	100.0	-	-	-	-	-	-	-	-	200,945
Anson CC	42,146	71.6	-	-	-	-	-	-	16,689	28.4	58,835
Asheville-Bun. TCC	430,011	96.0	-	-	-	-	-	-	18,000	4.0	448,011
Beaufort Co. CC	143,139	100.0	-	-	-	-	-	-	-	-	143,139
Bladen CC	107,170	100.0	-	-	-	-	-	-	-	-	107,170
Blue Ridge CC	163,140	100.0	-	-	-	-	-	-	-	-	163,140
Brunswick CC	132,677	100.0	-	-	-	-	-	-	-	-	132,677
Caldwell CC & TI	198,740	100.0	-	-	-	-	-	-	-	-	198,740
Cape Fear CC	183,549	82.7	-	-	-	-	-	-	38,363	17.3	221,912
Carteret CC	134,370	93.0	-	-	-	-	-	-	10,143	7.0	144,513
Catawba Vy. CC	270,263	98.3	-	-	-	-	-	-	4,600	1.7	274,863
C. Carolina CC	214,464	85.7	-	-	-	-	-	-	35,871	14.3	250,335
C. Piedmont CC	1,325,819	95.6	-	-	10,043	0.7	50,432	3.6	-	-	1,386,294
Cleveland CC	192,334	100.0	-	-	-	-	-	-	-	-	192,334
Coastal Car. CC	243,416	100.0	-	-	-	-	-	-	-	-	243,416
Col. Albemarle	161,760	87.8	-	-	-	-	3,936	2.1	18,480	10.0	184,196
Craven CC	144,415	94.8	-	-	-	-	7,851	5.2	-	-	152,266
Davidson Co. CC	217,092	100.0	-	-	-	-	-	-	-	-	217,092
Durham TCC	222,397	93.1	-	-	-	-	16,530	6.9	-	-	238,927
Edgecombe CC	162,094	100.0	-	-	-	-	-	-	-	-	162,094
Fayettev'le TCC	492,259	92.4	-	-	-	-	-	-	40,651	7.6	532,910
Forsyth TCC	482,589	93.1	-	-	-	-	-	-	-	-	518,329
Gaston Col.	321,254	87.8	-	-	-	-	4,914	1.3	-	-	365,950
Guilford TCC	534,850	87.8	-	-	-	-	74,650	12.2	-	-	609,500
Halifax CC	132,607	100.0	-	-	-	-	-	-	-	-	132,607
Haywood CC	277,130	100.0	-	-	-	-	-	-	-	-	277,130
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	113,361	96.4	-	-	-	-	-	-	4,240	3.6	117,601
Johnston CC	188,273	96.4	-	-	-	-	-	-	7,128	3.6	195,401
Lenoir CC	215,038	100.0	-	-	-	-	-	-	-	-	215,038
Martin CC	216,385	99.7	-	-	720	0.3	-	-	-	-	217,105
Mayland CC	78,561	99.1	-	-	-	-	-	-	720	0.9	79,281
McDowell TCC	92,006	96.0	-	-	-	-	3,875	4.0	-	-	95,881
Mitchell CC	246,514	100.0	-	-	-	-	-	-	-	-	246,514
Montgomery CC	72,452	100.0	-	-	-	-	-	-	-	-	72,452
Nash CC	143,084	100.0	-	-	-	-	-	-	-	-	143,084
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	117,486
Pitt CC	192,410	95.9	-	-	-	-	8,214	4.1	-	-	200,624
Randolph CC	202,892	98.4	-	-	-	-	3,268	1.6	-	-	206,160
Richmond CC	156,639	98.6	-	-	-	-	-	-	2,225	1.4	158,864
Roanoke-Cho. CC	127,542	93.8	-	-	8,379	6.2	-	-	-	-	135,921
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	183,243
Rockingham CC	269,195	100.0	-	-	-	-	-	-	-	-	269,195
Rowan-Cab. CC	222,410	95.9	-	-	-	-	-	-	9,625	4.1	232,035
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	117,646
Sandhills CC	274,665	99.5	-	-	-	-	-	-	1,280	0.5	275,945
Southeastern CC	161,785	98.2	-	-	-	-	3,040	1.8	-	-	164,825
Southwestern CC	194,728	100.0	-	-	-	-	-	-	-	-	194,728
Stanly CC	82,484	82.2	-	-	-	-	14,131	14.1	3,696	3.7	100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-	182,076
Tri-County CC	103,973	100.0	-	-	-	-	-	-	-	-	103,973
Vance-Granv. CC	191,516	94.7	-	-	-	-	10,816	5.3	-	-	202,332
Wake TCC	371,960	92.0	-	-	-	-	-	-	32,150	8.0	404,110
Wayne CC	261,961	93.2	-	-	-	-	19,085	6.8	-	-	281,046
W. Piedmont CC	195,113	100.0	-	-	-	-	-	-	-	-	195,113
Wilkes CC	222,882	92.1	-	-	-	-	9,384	3.9	9,665	4.0	241,931
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	165,740
TOTAL	12,754,925	95.7	-	-	19,142	0.1	230,126	1.7	253,526	1.9	13,333,241

Category 6: Gaston College	39,782	10.9%			
Category 7: Forsyth Technical CC	35,740	6.9%	UNC Hosp. at C.H.	6,721	0.5%
Category 8: UNC at Chapel Hill	1,251	<0.1%			

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

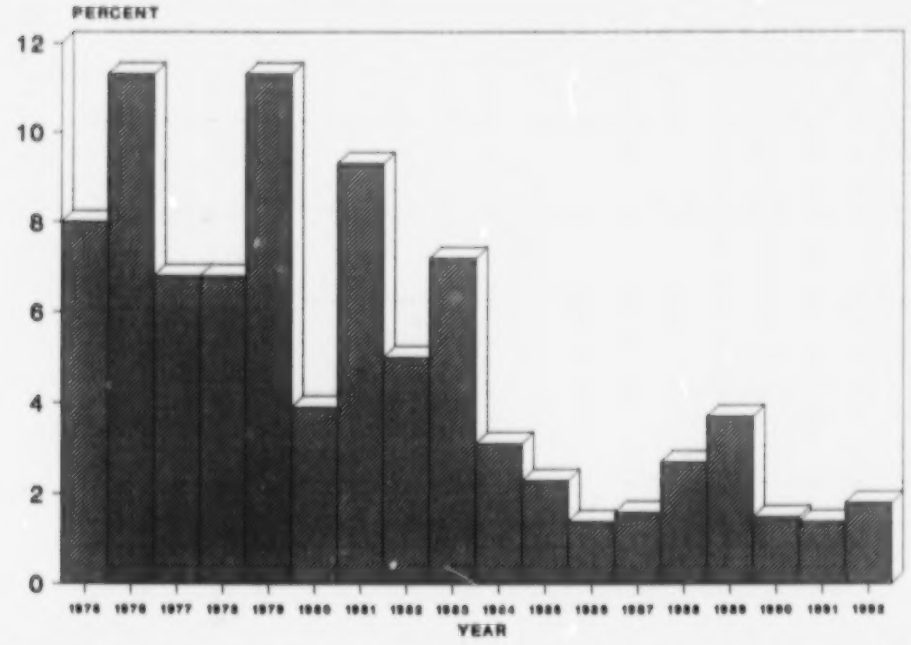
From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication were derived by computing an average of the construction cost increases for Charlotte, Durham, Greensboro, Raleigh and Winston-Salem. The following table, reflecting a base of 100.0 for January, 1975, summarizes selected data for these cities:

City	Oct 1991	Oct 1992	Index Increase	% Change 1991-92
Charlotte	176.3	179.4	3.1	1.8
Durham	174.1	177.3	3.2	1.8
Greensboro	172.8	175.9	3.1	1.8
Raleigh	175.6	178.8	3.2	1.8
Winston-Salem	178.6	181.8	3.2	1.8

The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1975. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1975	8.0%	1981	9.3%	1987	1.6%
1976	11.3%	1982	5.0%	1988	2.7%
1977	6.8%	1983	7.2%	1989	3.7%
1978	6.8%	1984	3.1%	1990	1.5%
1979	11.3%	1985	2.3%	1991	1.4%
1980	3.9%	1986	1.4%	1992	1.8%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	116	$ 189,096,481	$ 446,495,302	6,114,135
NC State Vet.	17	23,980,833	33,928,976	381,311
UNC-Chapel Hill	166	194,262,687	643,394,223	5,284,052
UNC-Health Aff.	87	143,177,470	406,013,381	3,421,393
SUBTOTAL	386	550,517,471	1,529,831,882	15,200,891
Doctoral Granting Universities I:				
UNC-Greensboro	50	63,564,550	150,841,324	2,054,487
Comprehensive I Universities:				
Appalachian	58	70,763,960	160,002,886	1,992,017
East Carolina	78	56,744,235	145,378,843	2,018,872
ECU-Health Aff.	28	43,479,174	64,903,815	734,097
Fayetteville	39	28,694,571	53,509,603	664,964
NC A & T	87	62,107,063	132,857,213	1,679,672
NC Central	45	34,553,075	83,662,823	1,098,477
UNC-Charlotte	38	77,565,700	152,892,343	2,041,551
UNC-Wilmington	54	46,329,817	85,753,382	1,041,459
West'n Carolina	63	54,337,448	124,484,791	1,594,586
SUBTOTAL	490	474,575,043	1,003,445,699	12,865,695
Comprehensive II and Liberal Arts I Universities:				
Elizabeth City	34	22,929,887	47,082,696	558,486
Pembroke	28	19,366,922	41,684,489	535,754
UNC-Asheville	17	28,973,034	44,749,060	563,099
Winston-Salem	21	25,522,322	51,895,254	704,961
SUBTOTAL	100	96,792,165	185,411,499	2,362,300

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	14	$ 15,958,304	$ 43,741,774	476,581
Teaching Hospitals:				
UNC Hosp. at C.H.	29	66,649,183	150,673,309	1,271,527
Community Colleges:				
SUBTOTAL	811	461,211,702	907,070,078	13,327,224
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	285	526,753,465	1,516,742,400	11,202,761
Gen. Baccalaureate Colleges:				
SUBTOTAL	727	262,119,000	782,203,151	10,650,321
Junior Colleges:				
SUBTOTAL	60	18,210,087	57,256,641	769,466
GRAND TOTAL	2,952	$2,536,350,970	$6,327,217,757	70,181,253

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	8	$ 9,333,403	$ 17,927,312	200,273
Anson CC	6	1,886,292	4,218,855	58,835
Ashev'le-Bun. TCC	19	17,047,705	31,606,720	448,011
Beaufort Co. CC	10	5,163,560	9,240,302	143,139
Bladen CC	18	2,834,818	6,719,484	107,170
Blue Ridge CC	12	6,274,436	10,863,732	163,140
Brunswick CC	9	6,744,818	9,128,925	132,677
Caldwell CC & TI	8	6,852,563	15,008,064	198,740
Cape Fear CC	7	4,951,014	17,469,244	221,912
Carteret CC	17	4,019,210	11,277,953	144,513
Catawba Vy. CC	16	8,560,568	20,056,234	274,863
C. Carolina CC	16	9,650,066	19,724,109	250,335
C. Piedmont CC	37	28,923,272	67,581,689	1,386,294
Cleveland CC	11	9,021,301	14,001,542	192,334
Coastal Car. CC	12	12,262,528	19,811,789	243,416
Col. Albemarle	11	8,020,940	14,530,930	184,196
Craven CC	9	6,757,343	11,319,960	152,266
Davidson Co. CC	11	5,964,765	14,762,572	217,092
Durham TCC	10	8,287,928	16,065,621	238,927
Edgecombe CC	9	5,573,700	11,105,431	162,094
Fayettev'le TCC	28	16,043,445	32,970,802	532,910
Forsyth TCC	18	16,612,081	35,822,653	518,329
Gaston Col.	27	11,196,618	26,938,074	365,950
Guilford TCC	26	17,687,691	44,797,615	609,500
Halifax CC	8	4,683,903	7,074,970	132,607
Haywood CC	31	11,333,160	17,463,231	277,130
Isothermal CC	15	8,478,885	14,831,343	220,057
J. Sprunt CC	12	3,096,076	7,447,995	117,601
Johnston CC	9	9,706,400	13,954,103	195,401
Lenoir CC	12	6,981,729	14,748,571	215,038

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	12	4,550,955	9,800,634	217,105
Mayland CC	7	4,064,136	6,047,094	79,281
McDowell TCC	8	3,976,052	7,709,996	95,881
Mitchell CC	19	3,829,528	15,394,603	246,514
Montgomery CC	4	2,520,126	4,287,869	72,452
Nash CC	7	5,409,360	8,345,586	143,084
Pamlico CC	4	1,528,200	3,722,948	40,198
Piedmont CC	11	5,610,180	9,205,007	117,486
Pitt CC	28	7,142,580	14,052,286	200,624
Randolph CC	20	7,705,236	13,887,942	206,160
Richmond CC	10	4,984,574	11,345,198	158,864
Roanoke-Cho. CC	8	5,165,869	9,403,730	135,921
Robeson CC	15	8,954,000	13,539,340	183,243
Rockingham CC	12	9,037,674	19,007,690	269,195
Rowan-Cab. CC	12	7,501,016	16,676,553	232,035
Sampson CC	9	4,797,302	7,484,114	117,646
Sandhills CC	27	10,005,467	18,709,293	270,600
Southeastern CC	14	3,871,309	10,664,864	164,825
Southwestern CC	9	9,277,721	13,615,406	194,728
Stanly CC	10	3,346,302	6,952,876	100,311
Surry CC	11	5,436,344	12,070,508	182,076
Tri-County CC	15	3,925,673	7,369,800	103,973
Vance-Granv. CC	11	9,399,347	16,384,833	202,332
Wake TCC	20	16,031,207	26,820,007	404,110
Wayne CC	19	19,760,245	23,138,846	281,046
W. Piedmont CC	14	7,910,241	15,262,516	195,113
Wilkes CC	21	6,932,284	15,369,056	241,931
Wilson TCC	12	4,588,556	12,331,658	165,740
TOTAL	811	$461,211,702	$907,070,078	13,327,224

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Research Universities I:				
NC State	34	$ 25,365,881	$ 111,509,133	1,674,456
NC State Vet.	-	-	-	-
UNC-Chapel Hill	40	26,151,970	184,132,349	1,882,920
UNC-Health Aff.	-	-	-	-
SUBTOTAL	74	51,517,851	295,641,482	3,557,376
Doctoral Granting Universities I:				
UNC-Greensboro	24	12,521,200	59,877,020	866,272
Comprehensive I Universities:				
Appalachian	28	17,715,800	63,605,995	937,892
East Carolina	17	14,086,040	71,732,918	1,031,196
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	17,117,531	249,454
NC A & T	20	5,986,586	37,376,571	540,685
NC Central	12	5,161,000	31,271,722	455,776
UNC-Charlotte	12	33,239,823	63,390,619	950,833
UNC-Wilmington	28	18,003,882	30,235,986	415,652
West'n Carolina	23	11,588,400	50,142,943	763,534
SUBTOTAL	149	109,419,531	364,874,285	5,345,022
Comprehensive II and Liberal Arts I Universities:				
Elizabeth City	26	7,970,704	20,027,484	282,453
Pembroke	7	2,633,000	11,693,088	167,549
UNC-Asheville	12	8,485,943	13,109,660	188,381
Winston-Salem	8	3,603,000	14,675,253	215,027
SUBTOTAL	53	22,692,647	59,505,485	853,410

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	15	$ 3,508,000	$ 9,423,409	139,624
Teaching Hospitals:				
UNC Hosp. at C.H.	-	-	-	-
Community Colleges:				
SUBTOTAL	2	56,000	501,685	6,017
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	146	52,615,528	410,280,010	2,490,935
Gen. Baccalaureate Colleges:				
SUBTOTAL	623	114,379,835	426,117,686	6,251,490
Junior Colleges:				
SUBTOTAL	45	8,588,034	40,832,202	548,540
GRAND TOTAL	1,13[illegible]	$375,298,626	$1,667,053,264	20,058,686

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	1	$ 4,000	$ 9,750	672
Anson CC	-	-	-	-
Ashev'le-Bun. TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayettev'le TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	-	-	-	-
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	-	-	-	-
Lenoir CC	-	-	-	-

Table 20

Capital Investment, Residential Buildings

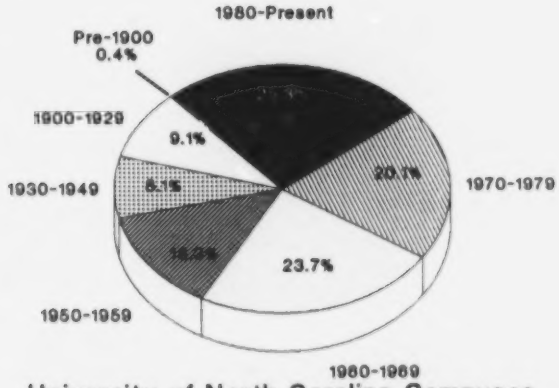
INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	-	-	-	-
Mayland CC	-	-	-	-
McDowell TCC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	491,935	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson TCC	-	-	-	-
TOTAL	2	$ 56,000	$ 501,685	6,017

TABLE 21:
AGE OF BUILDINGS

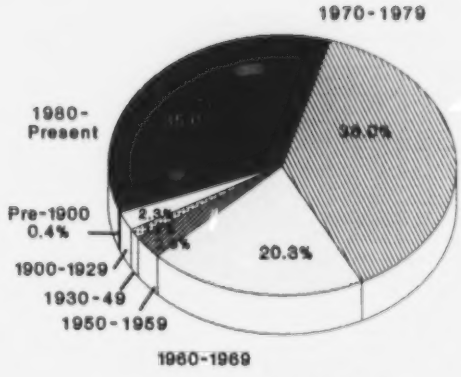
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

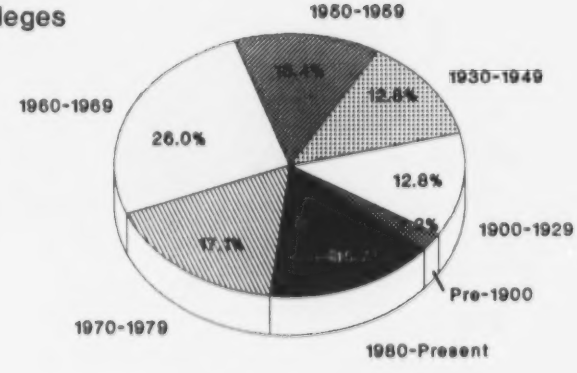
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

153

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction						
		Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Research Universities I:								
NC State	7,788,591	44,407	896,270	1,012,013	1,522,428	1,646,239	1,168,730	1,498,504
NC State Vet.	381,311	-	-	28,559	3,979	3,746	-	345,027
UNC-Chapel Hill	7,166,972	123,808	1,550,495	826,624	540,090	1,888,181	543,586	1,694,188
UNC-Health Aff.	3,421,393	-	-	144,926	278,218	562,906	1,468,081	967,262
SUBTOTAL	18,758,267	168,215	2,446,765	2,012,122	2,344,715	4,101,072	3,180,397	4,504,981
Doctoral Granting Universities I:								
UNC-Greensboro	2,920,759	31,100	625,884	232,878	425,091	480,899	670,669	454,238
Comprehensive I Universities:								
Appalachian	2,929,909	-	85,269	206,903	380,942	1,097,978	669,857	488,960
East Carolina	3,050,068	-	326,082	178,650	534,358	1,191,074	554,711	265,193
ECU-Health Aff.	734,097	-	-	-	25,975	41,378	105,279	561,465
Fayetteville	914,418	-	26,913	130,703	70,410	218,938	193,214	274,240
NC A & T	2,220,357	-	99,089	155,758	795,338	335,089	301,161	533,922
NC Central	1,554,253	-	36,379	225,213	469,874	332,330	174,475	315,982
UNC-Charlotte	2,992,384	-	-	-	-	569,503	1,026,471	1,396,410
UNC-Wilmington	1,457,111	-	9,000	12,250	-	234,802	498,554	702,505
West'n Carolina	2,358,120	363	54,107	182,379	333,561	706,902	582,013	496,795
SUBTOTAL	18,210,717	363	638,839	1,091,856	2,610,458	4,727,994	4,105,735	5,035,472
Comp. II and Lib. Arts I Univ.:								
Elizabeth City	840,939	-	89,399	57,955	107,940	157,192	148,883	279,570
Pembroke	703,303	-	-	15,556	29,220	269,807	318,893	69,827
UNC-Asheville	751,480	-	6,029	-	-	301,016	95,850	348,585
Winston-Salem	919,988	-	97,672	80,460	59,750	224,807	277,422	179,877
SUBTOTAL	3,215,710	-	193,100	153,971	196,910	952,822	841,048	877,859
Specialized Institutions:								
NC Sch. of Arts	616,205	-	170,063	102,335	26,382	149,021	113,629	54,775
Teaching Hospitals:								
UNC Hosp. at C.H.	1,271,527	-	-	54,174	389,251	244,238	142,217	441,647
Community Colleges:								
SUBTOTAL	13,333,241	52,368	312,257	158,401	372,958	2,702,251	5,070,862	4,664,144
				PRIVATE INSTITUTIONS				
Major Research Universities:								
SUBTOTAL	13,693,696	35,728	1,420,627	2,209,656	1,952,340	2,014,849	3,243,287	2,817,209
Gen. Baccalaureate Colleges:								
SUBTOTAL	16,901,811	516,308	2,516,367	1,811,259	2,147,166	5,805,330	2,037,173	2,068,208
Junior Colleges:								
SUBTOTAL	1,318,006	154,059	159,200	52,561	170,121	488,474	174,095	119,496
GRAND TOTAL	90,239,939	958,141	8,483,102	7,879,213	10,635,392	21,666,950	19,579,112	21,038,029

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	200,945	-	25,729	-	600	-	116,186	58,460
Anson CC	58,835	8,689	-	4,400	-	-	24,912	20,834
Asheville-Bun. TCC	448,011	9,981	-	10,411	25,542	108,940	77,917	215,220
Beaufort Co. CC	143,139	-	-	-	-	-	96,967	46,172
Bladen CC	107,170	-	-	-	7,170	-	69,822	30,178
Blue Ridge CC	163,140	-	-	-	-	-	90,815	72,325
Brunswick CC	132,677	-	-	10,326	-	22,989	-	99,362
Caldwell CC & TI	198,740	-	-	-	-	60,471	89,869	48,400
Cape Fear CC	221,912	-	-	-	-	45,540	152,849	23,523
Carteret CC	144,513	-	-	18,000	18,205	30,432	52,377	25,499
Catawba Vy. CC	274,863	-	-	1,650	4,600	74,471	120,835	73,307
C. Carolina CC	250,335	-	-	-	-	67,102	32,400	150,833
C. Piedmont CC	1,386,294	-	106,968	46,888	71,993	216,005	614,786	329,654
Cleveland CC	192,334	-	-	-	-	1,875	45,314	145,145
Coastal Car. CC	243,416	-	-	-	-	-	169,867	73,549
Col. Albemarle	184,196	-	-	5,268	-	-	54,805	124,123
Craven CC	152,266	-	-	-	-	-	73,770	78,496
Davidson Co. CC	217,092	-	-	-	5,760	85,340	99,766	26,226
Durham TCC	238,927	-	-	-	-	91,725	50,082	97,120
Edgecombe CC	162,094	-	37,209	-	-	-	62,385	62,500
Fayettev'le TCC	532,910	-	-	-	40,651	166,963	134,011	191,285
Forsyth TCC	518,329	-	-	-	78,490	162,953	63,131	213,755
Gaston Col.	365,950	-	-	-	-	163,100	107,325	105,525
Guilford TCC	609,500	1,931	46,620	10,850	84,325	123,010	187,143	155,621
Halifax CC	132,607	-	-	-	-	-	79,607	53,000
Haywood CC	277,130	-	-	-	-	25,972	142,764	108,394
Isothermal CC	220,057	-	-	-	-	57,962	119,876	42,219
J. Sprunt CC	117,601	-	-	3,040	-	24,245	76,630	13,686
Johnston CC	195,401	-	-	-	-	-	86,523	108,878
Lenoir CC	215,038	-	-	-	1,598	41,534	142,746	29,160
Martin CC	217,105	-	-	-	-	-	131,825	85,280
Mayland CC	79,281	-	-	-	-	-	36,571	42,710
McDowell TCC	95,881	-	-	-	3,875	30,104	35,658	26,244
Mitchell CC	246,514	31,767	86,106	20,234	-	32,819	75,588	-
Montgomery CC	72,452	-	-	-	-	-	64,090	8,362
Nash CC	143,084	-	-	-	-	-	72,759	70,325
Pamlico CC	40,198	-	-	-	-	-	40,198	-
Piedmont CC	117,486	-	-	-	-	-	88,429	29,057
Pitt CC	200,624	-	-	-	-	78,185	50,360	72,079
Randolph CC	206,160	-	-	-	-	44,567	76,333	85,260
Richmond CC	158,864	-	-	9,000	2,225	56,560	34,785	56,294
Roanoke-Cho. CC	135,921	-	-	-	-	8,379	51,624	75,918
Robeson CC	183,243	-	-	-	-	-	74,419	108,824
Rockingham CC	269,195	-	-	-	-	148,238	63,909	57,048
Rowan-Cab. CC	232,035	-	9,625	-	-	82,925	96,525	42,960
Sampson CC	117,646	-	-	-	-	2,381	51,865	63,400
Sandhills CC	276,945	-	-	-	-	128,165	64,907	82,873
Southeastern CC	164,825	-	-	-	-	80,363	66,014	18,448
Southwestern CC	194,728	-	-	-	-	-	75,826	118,902
Stanly CC	100,311	-	-	-	-	14,131	44,245	41,935
Surry CC	182,076	-	-	-	-	66,452	100,254	15,370
Tri-County CC	103,973	-	-	18,334	-	9,720	17,520	58,399
Vance-Granv. CC	202,332	-	-	-	-	-	138,595	63,737
Wake TCC	404,110	-	-	-	-	95,886	103,471	204,753
Wayne CC	281,046	-	-	-	540	21,229	36,511	222,766
W. Piedmont CC	195,113	-	-	-	-	72,716	54,469	67,928
Wilkes CC	241,931	-	-	-	-	107,382	57,322	77,227
Wilson TCC	165,740	-	-	-	27,384	61,420	31,360	45,596
TOTAL	13,333,241	52,368	312,257	158,401	372,958	2,702,281	5,070,862	4,664,144

TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus project officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

   1 - Satisfactory

   Suitable for continued use with normal maintenance.

   2 - Remodeling A

   Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

   3 - Remodeling B

   Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

   4 - Remodeling C

   Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

   5 - Demolition

   Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. If a building is scheduled for demolition, its condition is recorded as "demolition," regardless of true condition.

   6 - Termination

   Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacation of leased space. If a building is scheduled for termination, its condition is recorded as "termination," regardless of true condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Research Universities I:													
NC State	2,161,849	27.8	2,408,314	30.9	2,632,232	33.8	538,176	6.9	48,020	0.6	-	-	7,788,591
NC State Vet.	32,712	8.6	306,528	80.4	40,271	10.6	1,800	0.5	-	-	-	-	381,311
UNC-Chapel Hill	3,771,529	52.6	2,248,245	31.4	733,656	10.2	278,941	3.9	131,209	1.8	3,391	<0.1	7,166,972
UNC-Health Aff.	2,539,397	74.2	491,430	14.4	265,515	7.8	6,691	0.2	16,397	0.5	101,963	3.0	3,421,393
SUBTOTAL	8,505,487	45.3	5,454,518	29.1	3,671,674	19.6	825,608	4.4	195,626	1.0	105,354	0.6	18,758,267
Doctoral Granting Universities I:													
UNC-Greensboro	576,546	19.7	1,044,884	35.8	389,282	13.3	892,631	30.6	-	-	17,516	0.6	2,920,759
Comprehensive I Universities:													
Appalachian	2,392,827	81.7	383,524	13.1	136,668	4.6	17,890	0.6	-	-	-	-	2,929,909
East Carolina	700,237	23.0	1,600,219	52.5	329,878	10.8	396,734	13.0	24,000	0.8	-	-	3,050,068
ECU-Health Aff.	652,043	88.8	21,042	2.9	59,762	8.1	-	-	-	-	1,250	0.2	734,097
Fayetteville	552,695	60.4	132,580	14.5	196,276	21.5	-	-	32,867	3.6	-	-	914,418
NC A & T	1,158,079	52.2	809,233	36.4	226,508	10.3	18,627	0.8	5,910	0.3	-	-	2,220,357
NC Central	828,673	53.3	461,693	29.7	61,696	4.0	197,812	12.7	4,379	0.3	-	-	1,554,253
UNC-Charlotte	2,762,621	92.3	229,763	7.7	-	-	-	-	-	-	-	-	2,992,384
UNC-Wilmington	1,393,218	95.6	54,893	3.8	-	-	8,000	0.5	1,000	0.1	-	-	1,457,111
West'n Carolina	1,766,472	74.9	218,341	9.3	316,326	13.4	56,982	2.4	-	-	-	-	2,358,120
SUBTOTAL	12,206,865	67.0	3,911,288	21.5	1,328,113	7.3	695,045	3.8	68,156	0.4	1,250	<0.1	18,210,717
Comp. II and Lib. Arts I Univ.:													
Elizabeth City	417,396	49.6	244,168	29.0	136,636	16.2	42,839	5.1	-	-	-	-	840,939
Pembroke	635,070	90.3	40,443	5.8	26,070	3.6	2,720	0.4	-	-	-	-	703,303
UNC-Asheville	311,204	41.4	101,879	13.6	146,338	19.3	193,059	25.7	-	-	-	-	751,480
Winston-Salem	80,471	8.7	532,195	57.8	147,744	16.1	97,123	10.6	62,455	6.8	-	-	919,988
SUBTOTAL	1,444,141	44.9	918,685	28.6	454,688	14.1	335,741	10.4	62,455	1.9	-	-	3,215,710
Specialized Institution:													
NC Sch. of Arts	555,781	90.2	27,768	4.6	-	-	32,656	5.3	-	-	-	-	616,205
Teaching Hospital:													
UNC Hosp. at C. H.	1,271,627	100.0	-	-	-	-	-	-	-	-	-	-	1,271,627
Community Colleges:													
SUBTOTAL	12,332,584	92.5	620,778	4.7	116,412	0.9	218,301	1.6	8,112	0.1	38,054	0.3	13,333,241
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	13,522,888	98.8	104,815	0.8	52,558	0.4	4,753	<0.1	8,682	0.1	-	-	13,693,696
Gen. Baccalaureate Colleges:													
SUBTOTAL	14,819,249	87.7	1,225,186	7.2	226,065	1.3	606,670	3.6	12,316	0.1	12,325	0.1	16,901,811
Junior Colleges:													
SUBTOTAL	1,302,048	98.8	13,848	1.1	2,110	0.2	-	-	-	-	-	-	1,318,006
GRAND TOTAL	66,537,116	73.7	13,321,770	14.8	6,239,902	6.9	3,611,305	4.0	355,347	0.4	174,499	0.2	90,239,939

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Community Colleges:													
Alamance CC	178,216	87.2	25,729	12.8	-	-	-	-	-	-	-	-	200,945
Anson CC	20,834	35.4	8,689	14.8	24,912	42.3	4,400	7.5	-	-	-	-	58,835
Asheville-Bun. TCC	426,836	95.3	13,378	3.0	7,797	1.7	-	-	-	-	-	-	448,011
Beaufort Co. CC	143,139	100.0	-	-	-	-	-	-	-	-	-	-	143,139
Bladen CC	102,729	95.9	3,841	3.6	-	-	600	0.6	-	-	-	-	107,170
Blue Ridge CC	163,140	100.0	-	-	-	-	-	-	-	-	-	-	163,140
Brunswick CC	99,362	74.9	-	-	-	-	20,314	15.3	5,976	4.5	7,025	5.3	132,677
Caldwell CC & TI	198,740	100.0	-	-	-	-	-	-	-	-	-	-	198,740
Cape Fear CC	221,912	100.0	-	-	-	-	-	-	-	-	-	-	221,912
Carteret CC	75,176	52.0	47,517	32.9	8,700	6.0	11,824	8.2	-	-	1,296	0.9	144,513
Catawba Vy. CC	274,863	100.0	-	-	-	-	-	-	-	-	-	-	274,863
C. Carolina CC	250,335	100.0	-	-	-	-	-	-	-	-	-	-	250,335
C. Piedmont CC	1,054,496	76.1	212,357	15.3	23,098	1.7	96,343	6.9	-	-	-	-	1,386,294
Cleveland CC	192,334	100.0	-	-	-	-	-	-	-	-	-	-	192,334
Coastal Car. CC	243,416	100.0	-	-	-	-	-	-	-	-	-	-	243,416
Col. Albemarle	178,928	97.1	-	-	-	-	5,268	2.9	-	-	-	-	184,196
Craven CC	152,266	100.0	-	-	-	-	-	-	-	-	-	-	152,266
Davidson Co. CC	217,092	100.0	-	-	-	-	-	-	-	-	-	-	217,092
Durham TCC	238,927	100.0	-	-	-	-	-	-	-	-	-	-	238,927
Edgecombe CC	162,094	100.0	-	-	-	-	-	-	-	-	-	-	162,094
Fayettev'le TCC	470,899	88.4	14,160	2.7	7,200	1.4	40,651	7.6	-	-	-	-	532,910
Forsyth TCC	518,329	100.0	-	-	-	-	-	-	-	-	-	-	518,329
Gaston Col.	365,950	100.0	-	-	-	-	-	-	-	-	-	-	365,950
Guilford TCC	609,500	100.0	-	-	-	-	-	-	-	-	-	-	609,500
Halifax CC	132,607	100.0	-	-	-	-	-	-	-	-	-	-	132,607
Haywood CC	274,730	99.1	2,400	0.9	-	-	-	-	-	-	-	-	277,130
Isothermal CC	220,057	100.0	-	-	-	-	-	-	-	-	-	-	220,057
J. Sprunt CC	115,057	97.8	-	-	-	-	1,272	1.1	1,272	1.1	-	-	117,601
Johnston CC	195,401	100.0	-	-	-	-	-	-	-	-	-	-	195,401
Lenoir CC	215,038	100.0	-	-	-	-	-	-	-	-	-	-	215,038
Martin CC	217,105	100.0	-	-	-	-	-	-	-	-	-	-	217,105
Mayland CC	79,281	100.0	-	-	-	-	-	-	-	-	-	-	79,281
McDowell TCC	95,881	100.0	-	-	-	-	-	-	-	-	-	-	95,881
Mitchell CC	15,006	6.1	171,849	69.7	32,830	13.3	26,829	10.9	-	-	-	-	246,514
Montgomery CC	72,452	100.0	-	-	-	-	-	-	-	-	-	-	72,452
Nash CC	143,084	100.0	-	-	-	-	-	-	-	-	-	-	143,084
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	-	-	117,486
Pitt CC	192,368	95.9	-	-	-	-	-	-	-	-	8,256	4.1	200,624
Randolph CC	206,160	100.0	-	-	-	-	-	-	-	-	-	-	206,160
Richmond CC	158,864	100.0	-	-	-	-	-	-	-	-	-	-	158,864
Roanoke-Cho. CC	135,921	100.0	-	-	-	-	-	-	-	-	-	-	135,921
Robeson CC	183,243	100.0	-	-	-	-	-	-	-	-	-	-	183,243
Rockingham CC	269,195	100.0	-	-	-	-	-	-	-	-	-	-	269,195
Rowan-Cab. CC	232,035	100.0	-	-	-	-	-	-	-	-	-	-	232,035
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-	-	-	117,646
Sandhills CC	162,484	58.9	106,727	38.7	4,334	1.6	2,400	0.9	-	-	-	-	275,945
Southeastern CC	164,825	100.0	-	-	-	-	-	-	-	-	-	-	164,825
Southwestern CC	194,728	100.0	-	-	-	-	-	-	-	-	-	-	194,728
Stanly CC	86,180	85.9	14,131	14.1	-	-	-	-	-	-	-	-	100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-	-	-	182,076
Tri-County CC	88,168	84.8	-	-	6,541	6.3	8,400	8.1	864	0.8	-	-	103,973
Vance-Granv. CC	202,332	100.0	-	-	-	-	-	-	-	-	-	-	202,332
Wake TCC	404,110	100.0	-	-	-	-	-	-	-	-	-	-	404,110
Wayne CC	259,569	92.4	-	-	-	-	-	-	-	-	21,477	7.6	281,046
W. Piedmont CC	195,113	100.0	-	-	-	-	-	-	-	-	-	-	195,113
Wilkes CC	241,931	100.0	-	-	-	-	-	-	-	-	-	-	241,931
Wilson TCC	165,740	100.0	-	-	-	-	-	-	-	-	-	-	165,740
TOTAL	12,332,584	92.5	620,778	4.7	115,412	0.9	218,301	1.6	8,112	0.1	38,054	0.3	13,333,241

TABLE 23:
ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been recently estimated at over $60 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table.

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Research Universities I:			
NC State	$ 214,462,362	$ 558,004,435	$141,300,429
NC State Vet.	23,980,833	33,928,976	6,522,249
UNC-Chapel Hill	220,414,657	827,526,572	138,078,699
UNC-Health Aff.	143,177,470	406,013,381	41,634,502
SUBTOTAL	602,035,322	1,825,473,364	327,535,879
Doctoral Granting Universities I:			
UNC-Greensboro	76,085,750	210,718,344	72,730,048
Comprehensive I Universities:			
Appalachian	88,479,760	223,608,881	9,230,122
East Carolina	70,830,275	217,111,761	51,854,260
ECU-Health Aff.	43,479,174	64,903,815	2,175,132
Fayetteville	32,332,571	70,627,134	9,270,174
NC A & T	68,093,649	170,233,784	17,309,046
NC Central	39,714,075	114,934,545	19,404,171
UNC-Charlotte	110,805,523	216,282,962	4,055,406
UNC-Wilmington	64,333,699	115,989,368	1,692,680
West'n Carolina	65,925,848	174,627,734	14,646,657
SUBTOTAL	583,994,574	1,368,319,984	129,637,648
Comprehensive II and Liberal Arts I Universities:			
Elizabeth City	30,900,591	67,110,180	9,947,649
Pembroke	21,999,922	53,377,577	1,369,759
UNC-Asheville	37,458,977	57,858,720	14,828,737
Winston-Salem	29,125,322	66,570,507	21,353,450
SUBTOTAL	119,484,812	244,916,984	47,499,595

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Specialized Institution:			
NC Sch. of Arts	$ 19,466,304	$ 53,165,183	$ 1,725,737
Teaching Hospitals:			
UNC Hosp. at C.H.	66,649,183	150,673,309	-
Community Colleges:			
SUBTOTAL	461,267,702	907,571,763	24,181,877
		PRIVATE INSTITUTIONS	
Major Research Universities:			
SUBTOTAL	579,368,993	1,806,073,234	8,101,752
Gen. Baccalaureate Colleges:			
SUBTOTAL	376,498,835	1,208,320,837	38,845,161
Junior Colleges:			
SUBTOTAL	26,798,121	98,088,843	238,117
GRAND TOTAL	$2,911,649,596	$7,873,321,845	$650,495,814

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Alamance CC	$ 9,337,403	$ 17,937,062	$ 310,673
Anson CC	1,886,292	4,218,855	1,389,470
Ashev'le-Bun. TCC	17,047,705	31,606,720	389,758
Beaufort Co. CC	5,163,560	9,240,302	-
Bladen CC	2,834,818	6,719,484	14,504
Blue Ridge CC	6,274,436	10,863,732	-
Brunswick CC	6,744,818	9,128,925	1,781,137
Caldwell CC & TI	6,852,563	15,008,064	-
Cape Fear CC	4,951,014	17,469,244	-
Carteret CC	4,019,210	11,277,953	1,392,460
Catawba Vy. CC	8,560,568	20,056,234	-
C. Carolina CC	9,650,066	19,724,109	-
C. Piedmont CC	28,923,272	67,581,689	8,977,903
Cleveland CC	9,021,301	14,001,542	-
Coastal Car. CC	12,262,528	19,811,789	-
Col. Albemarle	8,020,940	14,530,930	299,717
Craven CC	6,757,343	11,319,960	-
Davidson Co. CC	5,964,765	14,762,572	-
Durham TCC	8,287,928	16,065,621	-
Edgecombe CC	5,573,700	11,105,431	-
Fayettev'le TCC	16,043,445	32,970,802	2,025,462
Forsyth TCC	16,612,081	35,822,653	-
Gaston Col.	11,196,618	26,938,074	-
Guilford TCC	17,687,691	44,797,615	-
Halifax CC	4,683,903	7,074,970	-
Haywood CC	11,333,160	17,463,231	32,691
Isothermal CC	8,478,885	14,831,343	-
J. Sprunt CC	3,096,076	7,447,995	44,232
Johnston CC	9,706,400	13,954,103	-
Lenoir CC	6,981,729	14,748,571	-

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Martin CC	4,550,955	9,800,634	-
Mayland CC	4,064,136	6,047,094	-
McDowell TCC	3,976,052	7,709,996	-
Mitchell CC	3,829,528	15,394,603	4,249,688
Montgomery CC	2,520,126	4,287,869	-
Nash CC	5,409,360	8,345,586	-
Pamlico CC	1,528,200	3,722,948	-
Piedmont CC	5,610,180	9,205,007	-
Pitt CC	7,142,580	14,052,286	217,510
Randolph CC	7,705,236	13,887,942	-
Richmond CC	4,984,574	11,345,198	-
Roanoke-Cho. CC	5,165,869	9,403,730	-
Robeson CC	8,954,000	13,539,340	-
Rockingham CC	9,037,674	19,007,690	-
Rowan-Cab. CC	7,501,016	16,676,553	-
Sampson CC	4,797,302	7,484,114	-
Sandhills CC	10,057,467	19,201,228	1,608,042
Southeastern CC	3,871,309	10,664,864	-
Southwestern CC	9,277,721	13,615,406	-
Stanly CC	3,346,302	6,952,876	186,251
Surry CC	5,436,344	12,070,508	-
Tri-County CC	3,925,673	7,369,800	576,193
Vance-Granv. CC	9,399,347	16,384,833	-
Wake TCC	16,031,207	26,820,007	-
Wayne CC	19,760,245	23,138,846	686,186
W. Piedmont CC	7,910,241	15,262,516	-
Wilkes CC	6,932,284	15,369,056	-
Wilson TCC	4,588,556	12,331,658	-
TOTAL	$461,267,702	$907,571,763	$24,181,877

Advanced Technology Center, Fayetteville Technical Community College

Fayetteville Tech's new $4.3 million Advanced Technology Center is totally accessible to the mobility impaired. New facilities are now available to all students for participation in several technology programs: Information Sciences, Business Computer Programming, Administrative Office Technology, Civil Engineering, Architecture, Electronics Engineering, Industrial Management, Mechanical Drafting, and Automotive Technology. Other major space assignments include classrooms, an open computer laboratory, and a tiered lecture hall.

With this new campus addition, more than 93% of the institution's assignable space is accessible to the mobility impaired. This level of accessibility is representative of Fayetteville Technical Community College's commitment to making all of its programs and activities available to people with special challenges.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Area by Programs and Subprograms 175
Accessible Area by Room Code 193

BEST COPY AVAILABLE

TABLE 24:
ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act states that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

One of the groups protected by Section 504 is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although Section 504 did not require that colleges and universities make all of their facilities barrier-free, it did require that the institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of Section 504. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country have improved dramatically. The more recent 1990 Americans with Disabilities Act (ADA) provides a very comprehensive set of regulations and definitions for addressing the special needs of people with a broad range of disabilities.

For purposes of this study, assignable space is considered to be accessible if a person with a mobility impairment (i.e., confined to a wheelchair or other support device such as a walker) can, without assistance, reach that space from immediately outside the building in which the space is located.

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1992	1991	1990	1989	1988
Research Universities I:							
NC State	4,582,286	2,681,637	58.5	58.0	54.9	54.3	53.1
NC State Vet.	228,280	200,046	87.6	87.7	90.6	90.6	89.3
UNC-Chapel Hill	4,715,157	2,878,557	61.0	60.2	59.6	59.5	59.0
UNC-Health Aff.	1,397,420	1,322,558	94.6	94.2	94.4	92.6	88.4
SUBTOTAL	10,923,143	7,082,798	64.8	64.2	62.9	62.0	60.8
Doctoral Granting Universities I:							
UNC-Greensboro	1,862,248	1,217,839	65.4	64.3	64.1	66.1	60.7
Comprehensive I Universities:							
Appalachian	2,015,190	1,165,718	57.8	57.9	57.6	55.8	55.3
East Carolina	2,169,941	1,389,263	64.0	49.7	50.1	49.9	48.2
ECU-Health Aff.	493,806	464,774	94.1	93.0	93.7	93.9	93.7
Fayetteville	599,442	309,944	51.7	51.7	48.0	48.0	48.0
NC A & T	1,543,313	847,926	54.9	54.7	50.7	50.7	49.8
NC Central	1,015,705	729,036	71.8	65.1	40.2	39.8	39.8
UNC-Charlotte	1,678,734	1,455,699	86.7	86.7	85.6	85.0	84.9
UNC-Wilmington	1,007,127	633,981	62.9	61.5	59.7	57.0	59.6
West'n Carolina	1,609,703	1,081,906	67.2	67.1	66.6	66.6	65.1
SUBTOTAL	12,132,961	8,078,247	66.6	63.1	59.8	58.9	58.4
Comprehensive II and Liberal Arts I Universities:							
Elizabeth City	587,397	414,616	70.6	69.3	68.8	66.8	66.9
Pembroke	484,851	327,510	67.5	67.5	66.8	61.2	61.3
UNC-Asheville	498,721	428,568	85.9	85.9	85.8	82.7	82.4
Winston-Salem	614,313	378,084	61.5	61.5	61.5	55.2	55.0
SUBTOTAL	2,185,282	1,548,778	70.9	70.5	70.2	65.4	65.4

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1992	1991	1990	1989	1988
Specialized Institution:							
NC Sch. of Arts	422,007	307,862	73.0	73.0	70.1	70.9	70.9
Teaching Hospitals:							
UNC Hosp. at C.H.	723,311	717,084	99.1	99.1	99.2	99.3	99.3
Community Colleges:							
SUBTOTAL	9,165,187	8,623,421	94.1	94.0	93.8	93.5	92.7
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	7,783,921	5,226,799	67.1	66.8	67.2	66.3	66.6
Gen. Baccalaureate Colleges:							
SUBTOTAL	12,006,741	5,155,670	42.9	41.3	41.3	40.7	39.9
Junior Colleges:							
SUBTOTAL	927,737	452,438	48.8	53.9	48.8	48.1	46.9
GRAND TOTAL	58,132,538	38,410,936	66.1	65.0	63.9	63.1	62.2

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1992	1991	1990	1989	1988
Community Colleges:							
Alamance CC	138,480	137,648	99.4	99.4	99.4	99.4	99.2
Anson CC	42,304	36,095	85.3	80.1	83.1	80.2	80.9
Ashev'le-Bun. TCC	300,557	279,076	92.9	88.8	88.8	86.8	77.6
Beaufort Co. CC	112,854	106,144	94.1	93.2	92.1	92.1	92.1
Bladen CC	82,188	78,824	95.9	95.7	95.7	96.3	96.3
Blue Ridge CC	120,402	119,773	99.5	99.5	99.5	99.5	99.5
Brunswick CC	97,863	94,468	96.5	86.1	86.1	86.1	81.0
Caldwell CC & TI	151,461	144,162	95.2	95.2	93.3	93.3	92.2
Cape Fear CC	148,143	144,627	97.6	97.6	97.5	97.3	97.3
Carteret CC	111,437	94,227	84.6	84.2	87.7	87.2	88.9
Catawba Vy. CC	202,697	193,965	95.7	95.7	88.1	88.1	87.3
C. Carolina CC	182,670	178,630	97.8	97.6	98.0	98.0	97.9
C. Piedmont CC	545,347	513,671	94.2	96.6	96.4	93.9	94.0
Cleveland CC	135,751	133,935	98.7	98.7	98.7	98.6	98.4
Coastal Car. CC	177,146	177,146	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	119,091	118,966	99.9	99.9	99.9	99.9	99.9
Craven CC	105,658	105,198	99.6	99.6	99.6	99.4	99.4
Davidson Co. CC	152,421	149,926	98.4	98.3	98.4	98.4	98.4
Durham TCC	172,035	160,443	93.3	92.6	92.2	95.0	95.0
Edgecombe CC	106,173	89,384	84.2	84.3	84.3	81.8	81.8
Fayettev'le TCC	380,655	354,471	93.1	91.8	91.4	92.3	92.1
Forsyth TCC	366,385	360,846	98.5	98.3	98.2	98.2	98.1
Gaston Col.	254,433	219,352	86.2	86.2	93.3	93.3	93.0
Guilford TCC	442,151	373,407	84.5	82.4	79.8	79.9	78.7
Halifax CC	96,917	96,193	99.3	99.3	99.3	99.2	99.2
Haywood CC	212,662	189,425	89.1	89.5	87.6	88.3	88.3
Isothermal CC	169,036	149,431	88.4	88.4	87.9	85.0	85.0
J. Sprunt CC	86,093	80,258	93.2	96.1	96.1	94.7	94.5
Johnston CC	145,288	143,719	98.9	98.9	98.8	98.8	98.4
Lenoir CC	162,746	159,895	98.2	98.4	98.4	98.4	98.2

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1992	1991	1990	1989	1988
Community Colleges:							
Martin CC	165,506	138,699	83.8	85.5	97.8	97.8	97.8
Mayland CC	56,935	56,313	98.9	99.0	99.0	98.9	85.0
McDowell TCC	72,349	69,612	96.2	96.2	96.2	96.2	96.1
Mitchell CC	178,936	136,070	76.0	84.0	84.0	82.6	82.6
Montgomery CC	50,518	50,361	99.7	99.7	99.7	99.4	99.4
Nash CC	98,846	97,578	98.7	99.0	99.0	99.0	94.3
Pamlico CC	28,597	27,368	95.7	95.7	95.7	95.7	95.7
Piedmont CC	98,184	96,949	98.7	98.7	98.7	98.7	98.7
Pitt CC	144,993	132,541	91.4	92.3	92.7	91.2	91.2
Randolph CC	157,155	157,155	100.0	100.0	100.0	100.0	100.0
Richmond CC	113,949	104,408	91.6	91.6	91.3	91.3	90.9
Roanoke-Cho. CC	100,151	96,483	96.3	96.6	95.9	95.9	95.9
Robeson CC	136,237	132,933	97.6	97.6	97.6	97.6	96.3
Rockingham CC	192,454	177,130	92.0	94.3	94.3	94.6	94.7
Rowan-Cab. CC	170,067	170,067	100.0	100.0	100.0	100.0	100.0
Sampson CC	87,516	85,856	98.1	98.1	98.1	98.1	98.1
Sandhills CC	200,250	187,207	93.5	93.5	93.4	93.9	92.3
Southeastern CC	123,430	113,094	91.6	89.8	81.1	80.4	80.3
Southwestern CC	143,013	136,674	95.6	95.6	95.6	97.8	97.8
Stanly CC	73,751	73,721	100.0	100.0	100.0	100.0	100.0
Surry CC	133,531	124,865	93.5	93.5	93.5	93.5	93.5
Tri-County CC	82,943	80,124	96.6	96.6	96.6	96.6	96.1
Vance-Granv. CC	134,928	128,251	95.1	97.3	97.2	97.2	96.6
Wake TCC	275,410	256,894	93.3	93.2	91.9	90.7	90.1
Wayne CC	184,106	181,304	98.5	95.7	95.6	95.2	90.6
W. Piedmont CC	140,452	135,261	96.3	96.1	96.1	94.3	92.7
Wilkes CC	180,864	175,978	97.3	97.1	97.1	97.1	96.8
Wilson TCC	119,072	117,220	98.4	98.4	98.5	98.5	98.4
TOTAL	9,165,187	8,623,421	94.1	94.0	93.8	93.5	92.7

TABLE 25:
ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Research Universities II:											
NC State	2,681,637	71.8	74.6	69.8	93.9	28.6	65.8	89.9	-	27.7	27.2
NC State Vet.	200,046	72.0	92.2	99.7	97.0	93.1	41.3	74.1	-	-	-
UNC-Chapel Hill	2,878,557	80.6	90.2	71.4	78.2	38.4	61.5	83.3	-	65.2	24.8
UNC-Health Aff.	1,322,558	95.3	94.6	98.1	96.8	100.0	100.0	96.5	-	82.7	73.3
SUBTOTAL	7,082,798	78.8	82.3	83.9	86.0	34.4	63.3	73.1	-	65.2	37.0
Doctoral Granting Universities II:											
UNC-Greensboro	1,217,839	87.0	97.2	100.0	96.8	44.2	73.1	88.7	-	-	11.9
Comprehensive I Universities:											
Appalachian	1,165,718	75.0	98.2	84.8	94.7	38.4	66.8	85.9	-	100.0	18.9
East Carolina	1,389,263	80.5	77.0	83.8	97.9	48.4	38.3	45.6	-	0.0	0.0
ECU-Health Aff.	464,774	100.0	92.5	99.8	99.9	100.0	61.8	33.9	-	-	-
Fayetteville	309,944	72.4	100.0	36.2	85.2	19.7	70.4	26.1	-	0.0	-
NC A & T	847,926	68.6	97.7	15.8	80.7	21.6	85.3	81.2	-	0.0	97.8
NC Central	729,036	80.1	95.6	100.0	90.8	60.5	68.8	89.6	-	100.0	39.9
UNC-Charlotte	1,455,699	99.0	100.0	-	98.7	73.9	100.0	100.0	-	-	100.0
UNC-Wilmington	633,981	87.0	41.1	-	94.6	41.3	75.4	95.8	-	92.3	31.0
West'n Carolina	1,081,906	86.5	97.6	100.0	97.8	49.5	59.2	46.7	-	89.8	44.4
SUBTOTAL	8,076,247	81.5	79.9	90.3	93.2	46.7	67.0	63.0	-	88.9	66.0
Comp. II and Lib. Arts I Univ.:											
Elizabeth City	414,616	91.3	-	100.0	97.7	47.6	68.4	100.0	-	100.0	100.0
Pembroke	327,610	83.5	-	100.0	99.4	40.2	82.1	99.5	-	-	-
UNC-Asheville	428,568	90.5	100.0	100.0	100.0	74.9	62.2	98.7	-	99.0	100.0
Winston-Salem	378,084	71.4	31.7	17.2	89.3	45.3	41.6	90.4	-	100.0	99.2
SUBTOTAL	1,548,778	83.8	69.5	96.8	96.2	50.7	62.6	96.8	-	99.3	99.7
Specialized Institutions:											
NC Sch. of Arts	307,862	92.9	-	100.0	94.1	35.8	46.1	99.1	-	100.0	99.4
Teaching Hospitals:											
UNC Hosp. at C. Hill	717,084	100.0	-	99.1	-	-	100.0	100.0	-	-	100.0
Community Colleges:											
SUBTOTAL	6,623,421	95.2	0.0	85.8	95.4	94.4	90.9	80.0	-	99.0	78.9
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	5,226,799	79.9	85.6	93.6	89.6	35.4	50.0	39.8	-	71.3	100.0
Gen. Baccalaureate Colleges:											
SUBTOTAL	5,165,670	63.0	67.6	30.0	81.8	35.2	17.9	39.2	-	8.6	19.1
Junior Colleges:											
SUBTOTAL	452,438	60.6	-	0.0	87.6	41.7	28.9	80.3	-	43.0	0.0
GRAND TOTAL	38,410,936	82.4	83.3	92.6	89.9	42.2	49.4	60.4	-	62.8	84.7

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	137,648	99.8	-	100.0	100.0	100.0	92.6	100.0	-	-	100.0
Anson CC	36,095	85.3	-	0.0	81.5	84.7	95.2	100.0	-	-	100.0
Asheville-Bun. TCC	279,076	94.5	-	76.3	96.3	100.0	68.1	98.2	-	-	76.4
Beaufort Co. CC	106,144	92.7	-	100.0	100.0	93.8	98.6	100.0	-	-	34.3
Bladen CC	78,824	94.8	-	-	98.3	94.2	99.6	100.0	-	100.0	100.0
Blue Ridge CC	119,773	99.4	-	100.0	100.0	99.8	97.7	100.0	-	100.0	-
Brunswick CC	94,468	94.5	-	100.0	100.0	98.2	97.9	100.0	-	100.0	100.0
Caldwell CC & TI	144,162	92.5	-	-	100.0	100.0	100.0	100.0	-	-	100.0
Cape Fear CC	144,627	97.8	-	100.0	100.0	92.1	99.0	100.0	-	0.0	-
Carteret CC	94,227	81.8	-	-	67.7	85.6	100.0	0.0	-	100.0	-
Catawba Vy. CC	193,965	100.0	-	100.0	100.0	100.0	56.4	-	-	100.0	-
C. Carolina CC	178,630	98.1	-	100.0	98.5	100.0	99.5	97.1	-	100.0	0.0
C. Piedmont CC	513,671	95.5	-	100.0	88.8	90.7	96.5	82.3	-	-	-
Cleveland CC	133,935	98.5	-	100.0	100.0	100.0	99.8	85.8	-	-	60.1
Coastal Car. CC	177,146	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Col. Albemarle	118,966	99.8	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	105,198	99.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	149,926	100.0	-	0.0	98.4	98.7	99.8	100.0	-	100.0	-
Durham TCC	160,443	95.0	-	100.0	100.0	84.7	98.2	31.8	-	100.0	100.0
Edgecombe CC	89,384	83.1	-	100.0	100.0	100.0	100.0	-	-	-	10.7
Fayettev'le TCC	354,471	94.6	-	100.0	99.9	97.4	80.9	44.8	-	100.0	96.2
Forsyth TCC	360,846	98.1	-	100.0	99.3	98.9	99.8	100.0	-	100.0	100.0
Gaston Col.	219,352	95.8	-	0.0	57.4	94.8	67.3	73.9	-	-	-
Guilford TCC	373,407	84.8	-	96.3	87.3	92.9	87.9	4.7	-	-	9.1
Halifax CC	96,193	100.0	-	100.0	100.0	100.0	98.5	79.6	-	-	-
Haywood CC	189,425	84.5	-	100.0	100.0	100.0	100.0	99.0	-	100.0	95.4
Isothermal CC	149,431	94.3	-	100.0	25.8	83.6	89.3	100.0	-	-	-
J. Sprunt CC	80,258	93.1	-	100.0	100.0	96.3	100.0	65.3	-	-	-
Johnston CC	143,719	99.8	-	0.0	100.0	100.0	98.5	100.0	-	-	-
Lenoir CC	159,895	98.5	-	100.0	96.5	100.0	97.6	100.0	-	100.0	-
Martin CC	138,699	94.0	0.0	100.0	100.0	82.3	97.2	100.0	-	100.0	0.0
Mayland CC	56,313	99.8	-	100.0	100.0	100.0	92.8	100.0	-	-	-
McDowell TCC	69,612	96.6	-	-	100.0	97.8	83.6	100.0	-	-	-
Mitchell CC	136,070	84.7	-	100.0	95.7	53.0	55.0	8.8	-	100.0	73.2
Montgomery CC	50,361	99.6	-	-	100.0	100.0	99.2	100.0	-	-	-
Nash CC	97,578	98.7	-	100.0	100.0	100.0	95.4	100.0	-	-	-
Pamlico CC	27,368	99.9	-	100.0	100.0	100.0	98.3	0.0	-	-	-
Piedmont CC	96,949	98.0	-	98.8	100.0	100.0	99.6	100.0	-	100.0	-
Pitt CC	132,541	90.0	-	100.0	99.3	84.2	87.6	100.0	-	-	0.0
Randolph CC	157,155	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Richmond CC	104,408	92.3	-	100.0	95.1	87.5	100.0	0.0	-	-	-
Roanoke-Cho. CC	96,483	100.0	-	100.0	100.0	100.0	99.5	100.0	-	-	6.5
Robeson CC	132,933	100.0	-	-	100.0	87.7	99.8	100.0	-	-	-
Rockingham CC	177,130	89.3	-	100.0	95.9	99.1	99.9	100.0	-	0.0	65.7
Rowan-Cab. CC	170,067	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Sampson CC	85,856	96.9	-	-	100.0	100.0	99.6	100.0	-	-	-
Sandhills CC	187,207	95.1	-	100.0	97.7	98.6	62.0	97.2	-	100.0	0.0
Southeastern CC	113,094	89.2	-	100.0	98.9	97.6	90.2	100.0	-	-	-
Southwestern CC	136,674	100.0	-	0.0	100.0	100.0	99.4	0.0	-	100.0	100.0
Stanly CC	73,721	100.0	-	100.0	100.0	100.0	99.6	100.0	-	-	100.0
Surry CC	124,865	91.4	-	100.0	100.0	96.9	96.5	100.0	-	-	-
Tri-County CC	80,124	99.1	-	-	83.2	100.0	90.6	-	-	-	-
Vance-Granv. CC	128,251	99.3	-	100.0	84.5	88.6	77.2	100.0	-	-	-
Wake TCC	256,894	94.6	-	-	100.0	99.4	78.9	63.5	-	-	100.0
Wayne CC	181,304	97.7	-	100.0	100.0	99.4	100.0	100.0	-	-	-
W. Piedmont CC	135,261	99.5	-	100.0	100.0	99.6	100.0	6.0	-	-	100.0
Wilkes CC	175,978	98.3	-	0.0	100.0	92.8	99.6	100.0	-	97.0	-
Wilson TCC	117,220	100.0	-	100.0	99.6	96.8	83.8	100.0	-	-	-
TOTAL	8,623,421	95.2	0.0	85.8	95.4	94.4	90.9	80.0	-	99.0	72.9

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Research Universities I:								
NC State	71.7	-	97.4	-	100.0	-	-	-
NC State Vet.	72.0	-	-	-	-	-	-	-
UNC-Chapel Hill	80.2	-	0.0	98.1	94.1	-	-	-
UNC-Health Aff.	96.0	-	100.0	100.0	48.3	-	-	-
SUBTOTAL	78.6	-	53.7	98.2	85.8	-	-	-
Doctoral Granting Universities I:								
UNC-Greensboro	87.0	-	100.0	-	-	-	-	-
Comprehensive I Universities:								
Appalachian	76.3	-	-	64.4	-	-	-	-
East Carolina	80.5	-	100.0	-	-	-	-	-
ECU-Health Aff.	100.0	-	-	-	-	-	-	-
Fayetteville	71.9	-	-	100.0	-	-	-	-
NC A & T	68.5	-	100.0	-	-	-	-	-
NC Central	80.0	-	95.2	-	-	100.0	-	-
UNC-Charlotte	99.0	-	-	-	-	-	-	-
UNC-Wilmington	86.8	-	-	-	96.0	-	-	-
West'n Carolina	85.3	-	100.0	100.0	100.0	100.0	-	-
SUBTOTAL	81.7	-	98.7	66.7	96.8	100.0	-	-
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	91.1	-	100.0	-	-	-	-	-
Pembroke	83.4	-	100.0	-	-	-	-	-
UNC-Asheville	90.5	-	-	-	-	-	-	-
Winston-Salem	71.0	-	84.0	-	-	-	-	-
SUBTOTAL	83.7	-	92.3	-	-	-	-	-

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Research Univ. I:
100.0	74.1	-	-	95.9	49.6	49.7	NC State
-	92.2	99.6	99.8	-	-	-	NC State Vet.
35.0	91.1	-	-	79.7	-	0.0	UNC-Chapel Hill
94.7	94.6	99.1	98.5	74.5	-	-	UNC-Health Aff.
93.6	81.8	99.2	98.8	88.5	49.6	19.6	SUBTOTAL
							Doctoral Granting Universities I:
-	97.2	-	-	100.0	-	-	UNC-Greensboro
							Comprehensive I Universities:
-	98.2	-	-	84.8	-	-	Appalachian
0.3	87.5	-	100.0	82.5	-	92.4	East Carolina
-	92.5	99.8	99.8	100.0	-	-	ECU-Health Aff.
-	100.0	-	-	29.8	-	100.0	Fayetteville
100.0	56.8	-	-	25.4	3.3	100.0	NC A & T
99.5	19.5	-	-	100.0	-	-	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
14.1	76.9	-	-	-	-	-	UNC-Wilmington
-	97.6	-	-	100.0	-	100.0	West'n Carolina
57.4	82.1	99.8	99.8	80.1	3.3	95.3	SUBTOTAL
							Comp. II and Lib. Arts I Univ.:
-	-	-	-	100.0	-	100.0	Elizabeth City
-	-	-	-	100.0	-	-	Pembroke
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	0.0	-	100.0	Winston-Salem
100.0	61.3	-	-	96.6	-	100.0	SUBTOTAL

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	92.9	-	-	-	-	-	-	-
Teaching Hospitals:								
UNC Hosp. - C.H.	100.0	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	94.7	95.8	96.3	85.4	95.6	100.0	100.0	90.2
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	79.9	-	100.0	46.1	-	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	63.0	-	55.4	100.0	0.0	-	-	-
Junior Colleges:								
SUBTOTAL	60.7	-	0.0	-	-	-	-	-
GRAND TOTAL	77.3	95.8	89.2	81.7	94.1	100.0	100.0	90.2

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospitals:
-	-	99.9	98.8	-	-	-	UNC Hosp. - C.H.
							Community Colleges:
0.0	-	-	-	85.6	100.0	100.0	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	85.6	99.4	91.4	-	-	0.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	67.6	-	-	30.0	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
79.0	83.5	99.5	94.9	85.7	46.1	41.7	GRAND TOTAL

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Alamance CC	100.0	99.8	100.0	100.0	100.0	-	-	-	100.0
Anson CC	100.0	92.5	0.0	31.7	0.0	-	-	-	0.0
Ashev'le-Bun. TCC	100.0	94.6	-	63.8	97.7	-	-	100.0	76.3
Beaufort Co. CC	-	91.6	-	94.4	100.0	-	-	-	100.0
Bladen CC	-	100.0	100.0	100.0	71.6	-	100.0	-	-
Blue Ridge CC	-	99.3	100.0	100.0	100.0	-	-	-	100.0
Brunswick CC	-	95.9	-	100.0	76.4	100.0	100.0	100.0	100.0
Caldwell CC & TI	74.0	95.7	100.0	-	-	-	-	-	-
Cape Fear CC	100.0	97.6	100.0	100.0	100.0	-	-	-	100.0
Carteret CC	100.0	81.0	100.0	78.2	100.0	-	-	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0
C. Carolina CC	-	98.0	100.0	100.0	100.0	-	-	-	100.0
C. Piedmont CC	93.6	97.7	100.0	76.3	100.0	-	-	-	100.0
Cleveland CC	100.0	98.1	-	100.0	100.0	-	100.0	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Col. Albemarle	100.0	99.8	100.0	99.7	100.0	-	-	-	100.0
Craven CC**	100.0	99.3	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	0.0
Durham TCC	100.0	99.6	-	54.2	5.5	-	-	-	100.0
Edgecombe CC	100.0	80.4	-	100.0	97.9	-	100.0	-	100.0
Fayettev'le TCC	-	93.7	100.0	97.5	100.0	-	-	-	100.0
Forsyth TCC	100.0	97.6	96.5	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	99.2	94.5	100.0	100.0	100.0	-	-	-	0.0
Guilford TCC*	93.8	89.2	94.0	31.2	95.9	100.0	-	46.2	96.3
Halifax CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Haywood CC	-	82.8	100.0	100.0	81.0	-	100.0	100.0	100.0
Isothermal CC**	98.5	95.8	100.0	64.4	49.2	-	100.0	49.8	-
J. Sprunt CC	100.0	94.4	100.0	24.9	100.0	-	-	-	100.0
Johnston CC	-	99.8	-	-	-	-	-	-	0.0
Lenoir CC*	98.3	98.5	100.0	100.0	100.0	-	-	-	100.0

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Lenoir CC - 100.0, Pitt CC - 100.0, Subtotal - 100.0.

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Community Colleges:									
Martin CC	94.7	94.5	100.0	100.0	0.0	-	-	-	100.0
Mayland CC	-	99.8	100.0	100.0	100.0	-	-	-	100.0
McDowell TCC	100.0	96.1	100.0	100.0	100.0	-	-	-	-
Mitchell CC	83.1	82.1	-	87.0	100.0	-	-	-	100.0
Montgomery CC	-	99.6	-	100.0	-	-	-	-	-
Nash CC	100.0	99.9	100.0	-	95.0	100.0	100.0	-	100.0
Pamlico CC	-	99.9	-	-	-	-	-	-	100.0
Piedmont CC	-	98.0	100.0	95.4	100.0	-	-	-	98.8
Pitt CC*	93.7	91.7	35.6	54.9	-	-	-	-	-
Randolph CC	-	100.0	-	100.0	100.0	-	-	-	100.0
Richmond CC	-	91.1	-	100.0	100.0	100.0	-	-	100.0
Roanoke-Cho. CC	-	100.0	-	100.0	100.0	100.0	-	100.0	100.0
Robeson CC	-	100.0	-	100.0	100.0	-	-	-	-
Rockingham CC	86.9	89.8	-	100.0	100.0	-	-	-	100.0
Rowan-Cab. CC	100.0	100.0	-	100.0	100.0	-	-	-	-
Sampson CC	-	96.2	100.0	100.0	-	-	100.0	-	-
Sandhills CC	95.1	96.2	100.0	33.3	88.7	-	-	-	100.0
Southeastern CC	86.8	91.0	40.6	100.0	-	-	-	-	100.0
Southwestern CC	-	100.0	100.0	100.0	-	-	-	100.0	0.0
Stanly CC**	100.0	100.0	-	-	100.0	-	-	-	-
Surry CC	79.9	95.8	100.0	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	100.0	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	100.0	99.1	100.0	100.0	100.0	-	-	100.0	100.0
Wake TCC	100.0	94.0	-	100.0	100.0	-	-	-	-
Wayne CC	100.0	97.2	-	100.0	100.0	-	-	-	100.0
W. Piedmont CC	99.5	99.5	-	100.0	100.0	-	-	-	100.0
Wilkes CC	100.0	97.5	-	100.0	100.0	-	-	-	0.0
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
TOTAL	94.7	95.8	96.3	85.4	95.6	100.0	100.0	90.2	85.6

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Stanly CC - 100.0, Subtotal - 100.0.

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Research Universities I:								
NC State	99.0	100.0	92.5	88.8	100.0	83.8	-	-
NC State Vet.	96.9	-	85.3	100.0	-	100.0	-	-
UNC-Chapel Hill	81.7	100.0	56.2	83.9	54.5	66.4	-	99.7
UNC-Health Aff.	100.0	-	100.0	100.0	94.6	96.1	98.2	100.0
SUBTOTAL	87.8	100.0	75.8	87.3	82.3	82.4	98.2	99.8
Doctoral Granting Universities I:								
UNC-Greensboro	99.8	100.0	100.0	91.3	91.6	83.2	-	-
Comprehensive I Universities:								
Appalachian	100.0	100.0	100.0	97.4	53.6	86.7	100.0	100.0
East Carolina	100.0	100.0	100.0	56.3	98.9	87.8	100.0	-
ECU-Health Aff.	100.0	100.0	99.3	100.0	-	100.0	-	-
Fayetteville	100.0	85.3	3.2	100.0	0.0	91.5	-	-
NC A & T	98.8	64.6	100.0	100.0	57.2	70.8	-	-
NC Central	99.1	100.0	96.4	100.0	25.6	88.2	-	100.0
UNC-Charlotte	97.9	100.0	100.0	100.0	-	99.9	-	-
UNC-Wilmington	99.1	100.0	-	6.9	-	79.1	-	0.0
West'n Carolina	100.0	95.9	88.8	100.0	96.9	92.9	-	100.0
SUBTOTAL	99.4	94.8	89.3	93.7	74.9	87.8	100.0	79.7
Comprehensive II and Liberal Arts I Universities:								
Elizabeth City	100.0	100.0	100.0	100.0	90.4	89.5	-	-
Pembroke	99.9	100.0	100.0	100.0	-	95.6	-	-
UNC-Asheville	100.0	100.0	99.6	100.0	-	100.0	-	-
Winston-Salem	100.0	89.8	100.0	100.0	32.5	65.8	-	-
SUBTOTAL	100.0	95.3	99.7	100.0	70.2	81.2	-	-

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	100.0	59.2	100.0	100.0	100.0	89.0	-	-
Teaching Hospitals:								
UNC Hosp. at C.H.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	97.1	98.5	97.1	96.0	80.8	94.9	100.0	-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	94.2	35.8	95.8	93.4	54.9	84.7	-	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	85.3	80.4	72.5	77.3	47.0	61.1	-	100.0
Junior Colleges:								
SUBTOTAL	90.6	67.3	-	0.0	-	81.6	-	-
GRAND TOTAL	93.1	84.4	90.3	90.0	75.9	84.8	99.8	92.4

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	100.0	-	100.0	100.0	100.0	100.0	-	-
Anson CC	100.0	-	100.0	100.0	-	32.7	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	100.0	100.0	57.2	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	100.0	-	-
Bladen CC	100.0	-	100.0	-	-	91.1	-	-
Blue Ridge CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Brunswick CC	100.0	-	100.0	-	100.0	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	100.0	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	0.0	37.7	-	-
Catawba Vy. CC	100.0	100.0	100.0	-	100.0	100.0	-	-
C. Carolina CC	98.2	-	100.0	-	100.0	100.0	-	-
C. Piedmont CC	92.3	100.0	77.5	-	73.1	98.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.4	-	100.0	100.0	96.8	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	100.0	100.0	-
Edgecombe CC	100.0	-	100.0	100.0	-	100.0	-	-
Fayettev'le TCC	100.0	-	100.0	100.0	-	99.8	-	-
Forsyth TCC	100.0	-	80.3	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	-	100.0	10.4	100.0	-	-
Guilford TCC	91.8	-	100.0	-	-	63.7	100.0	-
Halifax CC	100.0	-	100.0	-	-	100.0	-	-
Haywood CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Isothermal CC	15.0	-	100.0	-	-	100.0	-	-
J. Sprunt CC	100.0	-	-	-	-	100.0	-	-
Johnston CC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.7	100.0	100.0	100.0	-	77.1	-	-

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museums & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	100.0	-	-	-	-	100.0	-	-
Mayland CC	100.0	-	100.0	-	-	100.0	-	-
McDowell TCC	100.0	100.0	-	-	100.0	100.0	-	-
Mitchell CC	99.7	83.9	100.0	0.0	-	93.4	-	-
Montgomery CC	100.0	-	-	-	100.0	100.0	-	-
Nash CC	100.0	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	100.0	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	95.6	100.0	100.0	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	100.0	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	100.0	68.5	92.0	-	-
Rowan-Cab. CC	100.0	-	100.0	-	-	100.0	-	-
Sampson CC	100.0	-	-	-	-	100.0	-	-
Sandhills CC	99.8	100.0	100.0	-	-	74.9	-	-
Southeastern CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	-	-	100.0	-	-
Stanly CC	100.0	-	100.0	100.0	-	100.0	-	-
Surry CC	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County CC	81.9	-	-	-	-	100.0	-	-
Vance-Granv. CC	77.3	-	-	100.0	100.0	100.0	-	-
Wake TCC	100.0	-	100.0	100.0	100.0	100.0	-	-
Wayne CC	100.0	-	100.0	-	-	100.0	100.0	-
W. Piedmont CC	100.0	-	100.0	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson TCC	99.0	-	100.0	-	100.0	100.0	-	-
TOTAL	97.1	98.5	97.1	96.0	80.8	94.9	100.0	-

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Research Universities I:												
NC State	86.6	85.8	79.8	100.0	15.4	62.0	98.1	54.8	94.1	40.4	12.3	26.3
NC State Vet.	-	100.0	-	-	93.0	-	-	-	61.3	100.0	-	-
UNC-Chapel Hill	30.6	87.2	70.8	13.5	16.7	90.0	96.6	100.0	78.6	70.8	85.4	77.8
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	-	96.2	-	100.0
SUBTOTAL	63.4	86.5	76.1	45.4	16.5	82.5	97.0	76.8	85.3	75.6	44.0	65.1
Doctoral Granting Universities I:												
UNC-Greensboro	93.5	89.6	54.6	100.0	30.3	91.3	97.6	84.2	38.3	30.4	100.0	-
Comprehensive I Universities:												
Appalachian	60.7	78.5	94.2	100.0	22.4	88.0	99.6	52.6	70.3	100.0	100.0	-
East Carolina	28.9	68.2	82.1	99.0	42.7	82.5	40.4	11.4	68.9	7.8	-	0.0
ECU-Health Aff.	100.0	-	-	-	-	-	-	100.0	13.4	100.0	100.0	-
Fayetteville	100.0	43.3	100.0	100.0	9.3	41.6	0.0	-	0.0	-	-	100.0
NC A & T	100.0	69.4	100.0	57.4	10.4	28.3	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	61.0	93.6	47.0	45.4	56.4	43.4	91.1	72.8	93.6	-	-	100.0
UNC-Charlotte	100.0	94.7	100.0	100.0	71.5	93.9	92.2	100.0	100.0	100.0	-	-
UNC-Wilmington	98.1	84.4	85.3	100.0	28.5	52.9	90.3	100.0	95.5	-	85.3	-
West'n Carolina	100.0	98.1	96.2	100.0	36.8	85.8	41.6	43.5	38.7	53.4	100.0	100.0
SUBTOTAL	77.0	80.0	90.8	86.9	38.5	67.4	73.2	57.3	63.4	51.4	89.1	65.0
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	100.0	99.1	100.0	68.2	36.1	92.4	0.0	100.0	100.0	-	-	-
Pembroke	83.7	74.6	100.0	100.0	26.8	68.9	43.5	100.0	100.0	82.5	-	100.0
UNC-Asheville	100.0	100.0	100.0	100.0	76.0	3.6	100.0	100.0	100.0	100.0	100.0	94.0
Winston-Salem	7.9	96.7	40.0	0.0	31.8	69.6	0.0	60.4	98.8	84.6	100.0	100.0
SUBTOTAL	51.9	90.9	79.7	51.7	41.5	57.5	23.5	92.5	99.7	90.3	100.0	97.1
Specialized Institution:												
NC Sch. of Arts	0.0	89.7	0.0	100.0	20.6	-	0.0	89.3	100.0	-	-	-
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	-	-	-	-	-	-	100.0	-	-	-
Community Colleges:												
SUBTOTAL	95.3	91.4	95.7	100.0	97.0	100.0	84.7	85.0	79.2	93.9	100.0	79.2
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	90.4	78.6	24.4	74.2	22.5	82.5	64.5	47.0	44.3	84.8	15.7	0.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	59.4	55.0	34.9	47.9	27.6	72.9	65.2	38.7	41.3	16.3	57.9	31.4
Junior Colleges:												
SUBTOTAL	49.9	76.2	65.8	14.0	35.3	23.2	23.8	63.5	88.4	22.0	-	100.0
GRAND TOTAL	75.4	75.3	79.1	73.0	31.0	76.6	71.7	62.6	62.8	58.4	45.7	55.8

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Couns/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	56	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	72.9	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	93.3	100.0	-	-	100.0
Beaufort Co. CC	100.0	100.0	44.0	100.0	100.0	-	-	-	100.0	-	-	-
Bladen CC	100.0	95.6	65.2	-	100.0	-	-	-	-	-	-	100.0
Blue Ridge CC	100.0	99.3	100.0	-	100.0	-	-	-	100.0	-	-	100.0
Brunswick CC	88.3	-	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Caldwell CC & TI	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	84.8	-	-	-	-	-	-	100.0
Carteret CC	100.0	78.0	100.0	100.0	86.5	-	-	0.0	0.0	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	-	97.1	-	-	-	-
C. Piedmont CC	100.0	80.3	100.0	100.0	92.5	-	-	13.0	96.0	69.7	100.0	95.8
Cleveland CC	100.0	100.0	-	100.0	100.0	-	-	100.0	86.1	-	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.8	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Durham TCC	100.0	100.0	100.0	100.0	76.0	-	-	-	38.9	100.0	-	0.0
Edgecombe CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Fayettev'le TCC	100.0	94.6	100.0	100.0	100.0	-	100.0	100.0	3.9	100.0	-	68.9
Forsyth TCC	100.0	100.0	100.0	100.0	98.0	-	-	100.0	100.0	-	-	-
Gaston Col.	100.0	90.8	100.0	100.0	98.9	-	100.0	-	72.1	-	-	76.4
Guilford TCC	100.0	100.0	60.1	100.0	92.3	-	100.0	-	4.4	100.0	-	0.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	100.0	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	98.6
Isothermal CC	100.0	65.1	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	-
J. Sprunt CC	100.0	88.6	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Lenoir CC	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-
Martin CC	71.4	80.8	84.7	100.0	100.0	-	-	100.0	100.0	-	-	-
Mayland CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
McDowell TCC	100.0	100.0	100.0	100.0	96.1	-	100.0	-	100.0	-	-	100.0
Mitchell CC	60.2	37.7	91.7	100.0	71.5	-	-	0.0	11.9	-	-	-
Montgomery CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Nash CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	100.0	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	48.2	64.2	72.5	100.0	100.0	-	-	-	100.0	-	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	64.2	-	100.0	-	0.0	-	-	-
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	76.7	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	98.9	100.0	100.0	99.3	-	-	100.0	100.0	-	-	100.0
Rowan-Cab. CC	-	-	100.0	-	100.0	-	-	-	100.0	100.0	-	-
Sampson CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Sandhills CC	100.0	98.3	93.8	100.0	99.9	-	-	-	96.3	100.0	100.0	100.0
Southeastern CC	100.0	92.7	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Surry CC	100.0	86.8	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	91.3	100.0	87.0	-	-	-	100.0	-	-	-
Wake TCC	100.0	97.0	100.0	100.0	100.0	-	100.0	100.0	60.1	-	-	100.0
Wayne CC	100.0	98.8	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
W. Piedmont CC	96.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	100.0	-	0.0
Wilkes CC	100.0	91.2	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson TCC	100.0	100.0	100.0	100.0	100.0	-	38.3	100.0	100.0	100.0	-	-
TOTAL	95.3	91.4	95.7	100.0	97.0	100.0	84.7	85.0	79.2	93.9	100.0	79.2

Table 25d

Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux. Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Research Universities I:												
NC State	16.3	75.0	70.7	100.0	43.4	6.6	100.0	100.0	17.1	40.2	26.6	27.4
NC State Vet.	-	-	47.9	-	-	23.1	-	-	-	-	-	-
UNC-Chapel Hill	4.4	56.0	82.7	92.7	0.0	23.9	53.1	98.2	45.4	95.7	6.0	82.7
UNC-Health Aff.	-	-	100.0	-	100.0	100.0	100.0	100.0	36.2	100.0	74.4	68.8
SUBTOTAL	8.8	64.3	78.1	95.4	13.0	20.6	73.0	98.8	41.6	91.8	36.3	37.7
Doctoral Granting Universities I:												
UNC-Greensboro	81.0	100.0	90.1	12.1	0.0	18.5	95.5	-	-	-	35.9	10.9
Comprehensive I Universities:												
Appalachian	94.0	100.0	80.7	97.7	15.1	93.4	89.8	97.3	-	100.0	0.0	25.8
East Carolina	36.9	62.4	27.8	57.1	3.9	48.1	100.0	100.0	-	0.0	-	-
ECU-Health Aff.	-	-	44.3	-	100.0	94.3	100.0	100.0	-	-	-	-
Fayetteville	100.0	100.0	85.7	100.0	15.2	100.0	100.0	100.0	0.0	0.0	-	-
NC A & T	81.9	90.9	96.4	100.0	62.5	91.8	100.0	100.0	-	0.0	0.0	99.8
NC Central	75.2	99.4	66.5	99.6	40.8	13.4	66.3	100.0	-	100.0	30.8	44.7
UNC-Charlotte	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
UNC-Wilmington	84.4	88.4	94.5	0.0	23.5	56.5	100.0	98.1	-	92.3	100.0	26.1
West'n Carolina	78.4	100.0	96.6	97.3	3.0	83.3	78.2	100.0	100.0	59.1	10.4	54.5
SUBTOTAL	84.9	89.4	68.6	76.8	24.9	73.0	89.0	98.9	93.1	85.4	33.9	72.3
Comp. II and Lib. Arts I Univ.:												
Elizabeth City	99.7	100.0	96.3	100.0	17.8	100.0	100.0	100.0	-	100.0	100.0	-
Pembroke	100.0	100.0	68.1	100.0	74.5	100.0	100.0	100.0	-	-	-	-
UNC-Asheville	36.9	74.8	73.1	100.0	27.4	100.0	100.0	100.0	-	99.0	-	100.0
Winston-Salem	73.0	31.1	16.4	100.0	58.1	36.7	0.0	100.0	-	100.0	100.0	95.2
SUBTOTAL	79.1	68.5	60.4	100.0	40.8	63.1	76.3	100.0	-	99.3	100.0	99.7
Specialized Institutions:												
NC Sch. of Arts	27.6	100.0	77.0	100.0	19.3	45.3	100.0	100.0	100.0	-	0.0	100.0
Teaching Hospitals:												
UNC Hosp. at C. Hill	-	-	100.0	-	-	-	-	-	-	-	100.0	100.0
Community Colleges:												
SUBTOTAL	95.4	98.0	86.8	97.9	82.2	93.1	99.5	99.4	99.2	98.6	46.6	81.3
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	89.9	87.6	62.6	100.0	4.2	32.4	22.4	81.2	62.9	86.6	-	100.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	56.5	55.4	15.3	42.4	8.7	25.1	41.4	51.6	1.6	12.6	13.2	23.6
Junior Colleges:												
SUBTOTAL	48.6	60.5	39.4	0.0	8.5	67.2	71.8	58.6	-	43.0	-	0.0
GRAND TOTAL	75.3	80.3	64.5	80.2	14.7	43.1	65.8	87.3	52.9	72.4	31.2	63.2

192

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput. Spt. 64	Fac/Staff Aux. Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns. Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	100.0	43.5	100.0	100.0	100.0	-	-	100.0	100.0
Anson CC	100.0	100.0	100.0	66.8	-	100.0	-	100.0	-	-	100.0	-
Asheville-Bun. TCC	6.9	100.0	79.8	0.0	71.6	0.0	100.0	100.0	-	-	0.0	80.6
Beaufort Co. CC	93.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	34.3	-
Bladen CC	98.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	-
Blue Ridge CC	100.0	100.0	100.0	0.0	100.0	100.0	-	100.0	-	100.0	-	-
Brunswick CC	100.0	81.9	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Caldwell CC & TI	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	100.0
Cape Fear CC	100.0	100.0	97.9	100.0	100.0	100.0	100.0	100.0	-	0.0	-	-
Carteret CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	-	-
Catawba Vy. CC	100.0	100.0	37.2	100.0	100.0	-	-	100.0	-	100.0	-	-
C. Carolina CC	98.7	100.0	100.0	-	100.0	-	-	100.0	100.0	-	-	0.0
C. Piedmont CC	100.0	88.1	96.8	100.0	89.7	100.0	-	100.0	-	-	-	-
Cleveland CC	99.1	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	60.1	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	98.5	100.0	100.0	100.0	-	100.0	-	-
Durham TCC	100.0	100.0	100.0	100.0	84.3	100.0	100.0	100.0	-	100.0	100.0	-
Edgecombe CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	10.7	-
Fayettev'le TCC	100.0	99.2	56.9	100.0	100.0	100.0	100.0	100.0	-	100.0	-	96.2
Forsyth TCC	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Gaston Col.	60.6	100.0	59.4	-	100.0	100.0	100.0	100.0	-	-	-	-
Guilford TCC	98.6	83.4	79.0	100.0	88.1	100.0	91.1	100.0	-	-	9.1	-
Halifax CC	98.1	100.0	98.9	100.0	88.9	100.0	100.0	100.0	-	-	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	95.4
Isothermal CC	99.1	100.0	78.1	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	100.0	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
Johnston CC	96.1	100.0	100.0	100.0	88.0	-	100.0	100.0	-	-	-	-
Lenoir CC	100.0	100.0	100.0	100.0	78.1	100.0	100.0	100.0	-	100.0	-	-
Martin CC	100.0	93.5	100.0	100.0	78.6	-	-	100.0	-	100.0	-	0.0
Mayland CC	100.0	100.0	87.2	100.0	-	100.0	100.0	98.2	-	-	-	-
McDowell TCC	95.4	97.9	71.3	100.0	0.0	100.0	-	100.0	-	-	-	-
Mitchell CC	41.6	100.0	42.3	-	61.9	13.3	100.0	100.0	-	100.0	27.9	100.0
Montgomery CC	97.3	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-	-
Nash CC	98.1	100.0	95.3	100.0	78.9	100.0	100.0	100.0	-	-	-	-
Pamlico CC	100.0	94.3	100.0	100.0	-	100.0	-	100.0	-	-	-	-
Piedmont CC	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt CC	96.8	86.0	74.2	100.0	100.0	100.0	-	97.2	-	-	0.0	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Roanoke-Cho. CC	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	6.5	-
Robeson CC	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Rockingham CC	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	0.0	65.7	-
Rowan-Cab. CC	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-	-
Sampson CC	98.2	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Sandhills CC	100.0	100.0	88.6	100.0	4.7	100.0	100.0	100.0	-	100.0	0.0	-
Southeastern CC	100.0	100.0	84.4	100.0	-	100.0	100.0	100.0	-	-	-	-
Southwestern CC	100.0	94.6	100.0	100.0	-	100.0	100.0	100.0	-	100.0	100.0	-
Stanly CC	100.0	100.0	97.9	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Surry CC	96.6	96.7	100.0	100.0	82.1	100.0	100.0	-	-	-	-	-
Tri-County CC	100.0	100.0	89.2	100.0	-	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	51.6	-	100.0	100.0	100.0	100.0	-	-	-	-
Wake TCC	100.0	100.0	60.9	100.0	100.0	100.0	100.0	85.2	-	-	-	100.0
Wayne CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	100.0
Wilkes CC	98.2	100.0	100.0	100.0	-	100.0	100.0	100.0	96.7	100.0	-	-
Wilson TCC	100.0	100.0	42.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	95.4	98.0	85.8	97.9	82.2	93.1	99.5	99.4	99.2	98.6	46.6	81.3

TABLE 26:
ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply insure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Research Universities I:										
NC State	2,681,637	58.5	174,652	83.0	811,794	81.8	706,029	76.4	237,457	93.9
NC State Vet.	200,046	87.6	7,179	97.9	45,629	95.2	31,253	87.7	12,895	97.2
UNC-Chapel Hill	2,878,557	61.0	179,487	79.4	339,748	85.5	603,872	71.2	484,684	78.5
UNC-Health Aff.	1,322,558	94.6	53,646	96.7	419,205	95.1	486,608	95.0	68,085	99.7
SUBTOTAL	7,082,798	64.8	414,964	83.1	1,616,376	86.0	1,827,762	78.7	803,121	84.4
Doctoral Granting Universities I:										
UNC-Greensboro	1,217,839	65.4	114,321	97.6	157,302	91.2	274,768	82.3	149,341	98.3
Comprehensive I Universities:										
Appalachian	1,165,718	57.8	138,808	85.6	145,538	94.6	261,180	80.9	109,081	99.7
East Carolina	1,389,263	64.0	140,743	80.9	237,842	84.8	252,649	71.1	134,622	97.8
ECU-Health Aff.	464,774	94.1	28,431	100.0	127,432	99.9	165,254	99.7	36,150	100.0
Fayetteville	309,944	51.7	47,917	74.2	44,110	76.5	85,301	83.1	54,672	93.7
NC A & T	847,926	54.9	72,520	71.2	141,295	57.8	183,966	72.1	112,264	93.2
NC Central	729,036	71.8	78,262	75.8	62,982	73.5	130,686	77.2	104,049	95.6
UNC-Charlotte	1,455,699	86.7	91,343	99.5	244,562	99.5	265,189	100.0	125,670	98.4
UNC-Wilmington	633,981	62.9	57,146	92.0	64,707	80.6	148,979	83.7	115,282	98.3
West'n Carolina	1,081,906	67.2	82,507	89.9	127,005	96.7	177,955	86.5	116,490	99.7
SUBTOTAL	8,078,247	66.6	737,677	83.8	1,195,473	85.0	1,671,159	82.7	908,280	97.4
Comp. II and Lib. Arts I Univ.:										
Elizabeth City	414,616	70.6	34,680	87.8	60,923	94.0	72,835	93.0	35,702	90.2
Pembroke	327,510	67.5	39,609	83.3	37,446	92.9	74,045	91.5	29,445	97.1
UNC-Asheville	428,568	85.9	45,241	98.5	61,505	99.5	67,233	88.2	44,755	99.5
Winston-Salem	378,084	61.5	43,998	66.5	17,080	40.9	62,352	59.6	35,272	96.7
SUBTOTAL	1,548,778	70.9	163,528	82.1	176,954	84.8	276,465	81.3	145,174	95.9
Specialized Institution:										
NC Sch. of Arts	307,862	73.0	15,638	100.0	105,802	97.2	31,588	79.0	17,677	94.9
Teaching Hospitals:										
UNC Hosp. at C. Hill	717,084	99.1	1,564	100.0	1,834	100.0	218,125	98.4	5,712	100.0
Community Colleges:										
SUBTOTAL	8,623,421	94.1	1,632,826	94.2	3,050,348	96.1	1,373,279	95.4	706,731	97.3
					PRIVATE INSTITUTIONS					
Major Research Universities:										
SUBTOTAL	5,226,799	67.1	200,213	80.3	904,515	91.3	1,306,120	81.5	547,731	93.3
Gen. Baccalaureate Colleges:										
SUBTOTAL	5,155,670	42.9	467,143	59.0	437,647	55.7	650,847	53.2	602,677	80.0
Junior Colleges:										
SUBTOTAL	452,438	48.8	34,920	58.5	19,794	30.6	54,429	61.5	48,710	92.2
GRAND TOTAL	38,410,936	66.1	3,782,794	83.2	7,666,045	87.2	7,684,542	79.8	3,935,154	90.8

Accessible Area by Room Code

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq.Ft.	%	Sq. Ft.	%	
												Research Univ. I:
225,249	43.9	302,070	74.4	110,202	54.7	11,089	97.7	75,805	7.8	27,290	27.2	NC State
33,931	67.1	10,496	94.7	6,563	66.1	52,100	99.1	-	-	-	-	NC State Vet.
502,134	87.8	427,269	77.7	209,995	75.2	18,573	95.0	100,708	8.7	12,087	24.9	UNC-Chapel Hill
69,231	95.4	42,130	99.7	22,617	71.4	136,795	99.2	0	0.0	24,241	67.7	UNC-Health Aff.
830,545	68.8	781,965	77.5	349,377	66.9	218,557	98.7	176,513	8.3	63,618	34.5	SUBTOTAL
												Doctoral Granting Universities I:
143,621	91.4	206,994	71.5	71,999	81.2	9,432	96.9	83,823	17.1	6,238	11.9	UNC-Greensboro
												Comprehensive I Universities:
122,452	58.7	267,886	81.0	64,100	61.4	11,921	99.6	43,737	7.2	1,015	18.9	Appalachian
124,864	72.6	170,744	76.1	36,046	38.4	2,984	49.9	288,769	39.8	-	-	East Carolina
17,581	62.0	8,297	100.0	8,809	33.5	72,820	99.8	-	-	-	-	ECU-Health Aff.
14,627	31.3	42,123	45.7	16,584	59.5	0	0.0	4,610	3.2	-	-	Fayetteville
129,128	64.0	112,280	67.0	31,248	89.9	6,016	100.0	4,200	1.2	55,009	97.8	NC A & T
105,196	77.0	91,703	89.9	21,988	74.2	4,314	91.3	121,230	47.3	8,626	45.0	NC Central
95,506	96.2	218,651	97.8	37,591	100.0	6,162	90.9	371,025	63.9	-	-	UNC-Charlotte
64,148	63.6	112,482	86.7	31,743	87.7	1,690	88.3	33,772	11.7	4,032	31.0	UNC-Wilmington
156,993	78.6	208,088	81.2	62,116	84.1	1,924	47.3	137,240	27.0	11,588	54.5	West'n Carolina
830,495	69.6	1,232,254	80.3	310,225	66.8	107,831	91.2	1,004,583	29.0	80,270	69.8	SUBTOTAL
												Comp. II and Lib. Arts I Univ.:
63,204	91.7	88,106	92.3	14,543	94.9	0	0.0	44,424	24.6	199	100.0	Elizabeth City
50,658	77.2	71,258	84.1	16,656	75.6	1,396	47.1	6,997	6.3	-	-	Pembroke
13,150	38.6	54,556	93.7	17,326	95.8	1,192	100.0	79,789	69.7	43,821	100.0	UNC-Asheville
60,903	90.4	90,998	90.3	14,600	55.2	0	0.0	23,239	16.8	29,642	99.2	Winston-Salem
187,915	79.6	304,918	89.9	63,125	77.1	2,588	22.5	154,449	28.4	73,662	99.7	SUBTOTAL
												Specialized Institution:
5,293	42.8	57,075	75.9	34,001	93.5	0	0.0	20,064	21.7	20,724	99.4	NC Sch. of Arts
												Teaching Hospitals:
1,730	100.0	41,649	100.0	40,385	99.4	399,369	99.4	4,361	100.0	2,355	100.0	UNC Hosp. at C. Hill
												Community Colleges:
430,530	86.5	960,280	95.1	386,765	82.8	1,648	97.1	772	11.6	80,242	73.2	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
304,858	62.4	638,299	76.4	283,385	58.6	720,986	98.6	207,379	12.2	113,313	100.0	SUBTOTAL
												Gen. Baccalaureate Colleges:
960,546	74.4	1,211,042	60.7	179,637	21.5	27,125	63.9	586,690	14.3	32,316	16.9	SUBTOTAL
												Junior Colleges:
66,647	75.4	127,846	73.9	15,194	63.2	1,972	24.5	82,926	22.8	0	0.0	SUBTOTAL
3,762,180	72.7	5,562,322	76.1	1,734,093	56.9	1,489,508	96.2	2,321,560	18.0	472,738	54.4	GRAND TOTAL

Accessible Area by Room Code

Table 26

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	137,648	99.4	27,946	100.0	57,113	99.7	21,554	99.9	7,884	100.0
Anson CC	36,095	88.3	4,873	85.4	14,322	88.5	5,148	63.4	4,758	100.0
Asheville-Bun. TCC	279,076	92.9	69,151	91.8	110,358	96.5	31,497	82.1	8,709	100.0
Beaufort Co. CC	106,144	94.1	15,802	79.8	37,691	100.0	19,526	90.6	9,039	100.0
Bladen CC	78,824	95.9	9,282	100.0	30,500	93.1	9,032	94.1	5,240	100.0
Blue Ridge CC	119,773	99.5	21,645	100.0	43,296	99.0	13,640	99.5	10,734	100.0
Brunswick CC	94,468	96.5	18,782	98.4	24,669	90.2	13,241	96.9	6,943	100.0
Caldwell CC & TI	144,162	95.2	24,285	99.9	51,482	87.9	20,730	100.0	12,941	100.0
Cape Fear CC	144,627	97.6	23,210	97.0	62,845	98.7	30,110	98.2	13,067	100.0
Carteret CC	94,227	84.6	14,606	84.1	33,129	95.7	9,156	81.0	6,473	91.5
Catawba Vy. CC	193,965	95.7	36,341	100.0	86,733	100.0	28,340	99.7	17,661	100.0
C. Carolina CC	178,630	97.8	33,013	100.0	70,271	97.4	24,450	98.1	12,471	98.0
C. Piedmont CC	513,671	94.2	109,693	93.3	192,421	98.2	94,296	94.7	37,462	93.1
Cleveland CC	133,935	98.7	19,315	93.8	47,330	100.0	17,557	99.0	13,500	100.0
Coastal Car. CC	177,146	100.0	38,175	100.0	69,714	100.0	26,387	100.0	15,667	100.0
Col. Albemarle	118,966	99.9	17,930	100.0	37,923	99.7	18,070	100.0	13,538	99.8
Craven CC	105,198	99.6	27,284	100.0	36,694	98.9	15,779	99.7	14,397	100.0
Davidson Co. CC	149,926	98.4	27,277	100.0	44,423	100.0	23,084	100.0	15,832	98.4
Durham TCC	160,443	93.3	30,612	88.5	62,560	100.0	30,563	97.4	13,408	100.0
Edgecombe CC	89,384	84.2	17,376	75.9	28,325	85.6	16,835	98.0	9,608	100.0
Fayettev'le TCC	354,471	93.1	91,697	96.4	96,536	94.1	67,018	96.2	19,515	100.0
Forsyth TCC	360,846	98.5	77,279	99.7	125,251	96.5	66,599	99.9	24,258	100.0
Gaston Col.	219,352	86.2	50,491	95.6	91,177	80.1	30,056	92.4	12,415	100.0
Guilford TCC	373,407	84.5	77,984	82.8	152,511	88.8	60,454	86.6	27,662	91.9
Halifax CC	96,193	99.3	16,045	100.0	32,319	100.0	18,391	99.6	11,571	100.0
Haywood CC	189,425	89.1	12,298	74.3	88,104	93.6	23,780	97.6	8,534	100.0
Isothermal CC	149,431	88.4	23,557	93.8	55,396	91.1	19,496	98.7	3,004	25.5
J. Sprunt CC	80,258	93.2	15,966	95.3	27,225	92.7	17,706	92.5	4,368	100.0
Johnston CC	143,719	98.9	24,608	100.0	50,177	99.7	15,136	99.8	9,177	100.0
Lenoir CC	159,895	98.2	30,732	96.7	41,355	99.4	26,114	96.0	17,282	100.0
Martin CC	138,699	83.8	10,891	88.5	47,360	99.5	14,790	92.3	12,613	100.0
Mayland CC	56,313	98.9	11,785	100.0	13,553	99.6	11,697	99.9	8,531	100.0
McDowell TCC	69,612	96.2	14,958	92.3	30,877	98.4	11,172	98.0	4,962	100.0
Mitchell CC	136,070	76.0	27,141	86.5	42,535	86.9	18,576	75.9	14,231	99.2
Montgomery CC	50,361	99.7	7,023	100.0	25,375	99.9	7,045	98.3	3,043	100.0
Nash CC	97,578	98.7	26,137	97.4	37,400	99.9	15,895	97.9	4,756	100.0
Pamlico CC	27,368	95.7	4,533	100.0	10,688	100.0	4,616	98.5	3,916	100.0
Piedmont CC	96,949	98.7	14,676	97.6	30,467	98.2	15,124	99.0	7,377	100.0
Pitt CC	132,541	91.4	21,960	91.4	50,665	95.7	21,132	74.8	20,441	97.7
Randolph CC	157,155	100.0	31,886	100.0	62,558	100.0	25,472	100.0	9,826	100.0
Richmond CC	104,408	91.6	16,116	86.8	38,488	95.2	22,080	94.9	10,351	93.3
Roanoke-Cho. CC	96,483	96.3	12,394	100.0	46,101	100.0	13,362	99.8	7,992	100.0
Robeson CC	132,933	97.6	22,789	100.0	43,947	99.9	24,933	99.9	11,391	100.0
Rockingham CC	177,130	92.0	31,122	90.8	53,787	92.4	24,763	98.0	12,911	100.0
Rowan-Cab. CC	170,067	100.0	47,221	100.0	52,749	100.0	24,780	100.0	17,403	100.0
Sampson CC	85,856	98.1	12,832	100.0	29,699	98.4	18,681	99.7	10,424	100.0
Sandhills CC	187,207	93.5	36,693	96.2	50,731	98.0	31,405	93.4	19,753	100.0
Southeastern CC	113,094	91.6	22,777	80.2	29,927	99.9	16,875	85.3	13,315	98.8
Southwestern CC	136,674	95.6	23,387	100.0	36,897	100.0	25,764	99.2	10,015	100.0
Stanly CC	73,721	100.0	13,467	100.0	25,770	100.0	13,145	99.8	5,158	100.0
Surry CC	124,865	93.5	13,705	64.2	44,612	100.0	17,680	96.9	11,261	100.0
Tri-County CC	80,124	96.6	17,365	98.1	27,879	99.5	6,976	97.2	5,267	84.7
Vance-Granv. CC	128,251	95.1	23,620	98.0	45,706	100.0	25,388	99.1	7,466	76.9
Wake TCC	256,894	93.3	55,473	93.3	68,455	93.9	48,903	99.1	32,590	100.0
Wayne CC	181,304	98.5	32,627	100.0	62,241	96.7	32,053	98.3	19,546	100.0
W. Piedmont CC	135,261	96.3	26,729	99.8	38,780	99.9	25,313	99.4	14,912	100.0
Wilkes CC	175,978	97.3	26,928	95.7	50,884	99.9	22,052	98.2	10,904	100.0
Wilson TCC	117,220	98.4	19,336	100.0	50,367	100.0	19,862	95.6	9,258	99.3
TOTAL	8,623,421	94.1	1,632,826	94.2	3,050,348	96.1	1,373,279	97.4	706,731	97.3

Accessible Area by Room Code

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Community Colleges:
6,886	100.0	9,080	100.0	5,871	100.0	-	-	0	0.0	1,314	100.0	Alamance CC
240	100.0	3,456	86.4	2,398	100.0	-	-	-	-	900	100.0	Anson CC
26,850	100.0	16,678	97.3	11,069	81.7	-	-	-	-	4,764	76.4	Asheville-Bun. TCC
1,355	100.0	12,983	100.0	9,398	100.0	-	-	-	-	350	34.3	Beaufort Co. CC
253	100.0	13,632	96.1	4,713	100.0	-	-	-	-	6,172	100.0	Bladen CC
6,323	100.0	15,052	99.8	9,083	99.2	-	-	-	-	-	-	Blue Ridge CC
1,714	100.0	12,303	100.0	4,825	100.0	-	-	-	-	11,991	100.0	Brunswick CC
16,331	98.9	11,530	100.0	6,693	100.0	-	-	-	-	170	100.0	Caldwell CC & TI
2,263	100.0	10,179	89.9	2,953	100.0	-	-	0	0.0	-	-	Cape Fear CC
1,275	14.3	6,891	86.8	22,697	93.9	-	-	-	-	-	-	Carteret CC
7,222	100.0	14,854	100.0	2,814	24.6	-	-	-	-	-	-	Catawba Vy. CC
4,074	100.0	29,814	100.0	4,537	97.4	-	-	-	-	0	0.0	C. Carolina CC
25,651	76.5	33,602	90.1	20,546	97.5	-	-	-	-	-	-	C. Piedmont CC
11,752	100.0	16,734	100.0	7,515	95.5	-	-	-	-	232	100.0	Cleveland CC
4,032	100.0	17,005	100.0	6,166	100.0	-	-	-	-	-	-	Coastal Car. CC
726	100.0	27,169	100.0	3,610	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	7,909	100.0	1,338	100.0	-	-	-	-	-	-	Craven CC
16,094	88.7	13,791	98.6	9,425	100.0	-	-	-	-	-	-	Davidson Co. CC
1,913	70.0	15,354	86.0	6,033	63.5	-	-	-	-	-	-	Durham TCC
1,346	100.0	14,003	99.1	1,171	100.0	-	-	-	-	720	10.7	Edgecombe CC
15,223	84.9	32,309	100.0	18,795	63.4	378	100.0	-	-	13,000	96.2	Fayettev'le TCC
15,837	98.2	38,542	98.9	12,203	100.0	-	-	-	-	877	100.0	Forsyth TCC
4,378	68.6	25,717	94.7	4,839	53.6	279	100.0	-	-	-	-	Gaston Col.
10,273	52.9	39,830	95.1	4,609	33.3	84	100.0	-	-	0	0.0	Guilford TCC
1,069	100.0	12,614	99.5	4,184	87.8	-	-	-	-	-	-	Halifax CC
17,198	62.8	15,565	100.0	6,957	83.0	-	-	233	100.0	16,756	95.4	Haywood CC
25,791	100.0	14,151	86.3	8,036	85.9	-	-	-	-	-	-	Isothermal CC
2,969	100.0	8,980	95.4	3,044	74.5	-	-	-	-	-	-	J. Sprunt CC
11,124	89.5	25,097	99.7	8,400	100.0	-	-	-	-	-	-	Johnston CC
21,794	100.0	14,800	97.1	7,818	100.0	-	-	-	-	-	-	Lenoir CC
3,408	58.7	44,056	82.1	5,581	100.0	-	-	-	-	0	0.0	Martin CC
884	100.0	5,493	100.0	4,370	88.6	-	-	-	-	-	-	Mayland CC
1,623	100.0	3,781	97.3	2,129	76.9	110	100.0	-	-	-	-	McDowell TCC
10,195	60.6	16,582	58.2	2,795	29.5	-	-	-	-	4,015	80.0	Mitchell CC
1,538	100.0	4,096	100.0	2,241	100.0	-	-	-	-	-	-	Montgomery CC
-	-	4,458	95.7	8,932	100.0	-	-	-	-	-	-	Nash CC
465	100.0	2,114	100.0	1,036	47.2	-	-	-	-	-	-	Pamlico CC
12,031	100.0	9,543	98.5	7,731	100.0	-	-	-	-	-	-	Piedmont CC
7,837	97.5	6,818	100.0	3,688	100.0	-	-	-	-	0	0.0	Pitt CC
4,769	100.0	14,515	100.0	8,129	100.0	-	-	-	-	-	-	Randolph CC
4,082	100.0	10,863	87.7	2,328	58.3	100	100.0	-	-	-	-	Richmond CC
1,087	100.0	9,791	100.0	5,504	100.0	-	-	-	-	252	6.5	Roanoke-Cho. CC
1,747	100.0	21,824	87.0	6,302	100.0	-	-	-	-	-	-	Robeson CC
22,192	76.2	23,263	99.2	9,092	100.0	-	-	-	-	0	0.0	Rockingham CC
3,633	100.0	18,654	100.0	5,627	100.0	-	-	-	-	-	-	Rowan-Cab. CC
0	0.0	10,003	100.0	4,217	100.0	-	-	-	-	-	-	Sampson CC
10,255	83.6	29,968	99.1	7,863	92.8	-	-	539	9.7	0	0.0	Sandhills CC
9,969	98.3	11,872	100.0	8,359	85.3	-	-	-	-	-	-	Southeastern CC
4,491	57.2	30,109	100.0	4,747	63.1	-	-	-	-	1,264	100.0	Southwestern CC
1,444	100.0	10,359	100.0	1,264	100.0	-	-	-	-	3,114	100.0	Stanly CC
17,796	100.0	14,356	96.9	5,455	100.0	-	-	-	-	-	-	Surry CC
-	-	13,669	100.0	8,968	88.3	-	-	-	-	-	-	Tri-County CC
2,764	100.0	21,250	96.6	2,057	41.2	-	-	-	-	-	-	Vance-Granv. CC
11,882	99.5	22,457	98.0	11,957	56.7	328	100.0	-	-	4,849	100.0	Wake TCC
4,499	100.0	18,051	99.4	12,156	100.0	131	100.0	-	-	-	-	Wayne CC
4,932	96.7	12,628	100.0	2,411	33.6	54	100.0	-	-	9,502	100.0	W. Piedmont CC
21,784	99.9	32,007	90.9	11,419	100.0	-	-	-	-	-	-	Wilkes CC
1,470	100.0	8,076	100.0	8,667	91.3	184	78.6	-	-	-	-	Wilson TCC
430,530	86.5	960,280	95.1	386,765	82.8	1,648	97.1	772	11.6	80,242	73.2	TOTAL

BEST COPY AVAILABLE

Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Haw River 27258	06
Anson Community College	1-3	007985	Anson	Ansonville 28007	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	10
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Barton College	2-2	002908	Wilson	Wilson 27893	02
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Community College	1-3	007987	Bladen	Dublin 28332	03
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	03
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	01
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28601	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28204	09
Chowan College	2-2	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28540	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	01
Craven Community College	1-3	008086	Craven	New Bern 28560	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	05
Gardner-Webb University	2-2	002929	Cleveland	Boiling Springs 28017	10
Gaston College	1-3	002973	Gaston	Dallas 28034	10
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	02
Haywood Community College	1-3	008083	Haywood	Clyde 28721	11

*See page 200

Institution	Type*	FICE Code	County	City	Congr. Dist.**
High Point University	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	03
Lees-McRae College	2-2	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	01
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	08
Louisburg College	2-3	002943	Franklin	Louisburg 27549	04
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	11
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-2	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27801	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	06
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	05
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	01
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	02
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27203	04
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28358	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28144	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	05
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Southern Pines 28327	03
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04
Warren Wilson College	2-2	002979	Buncombe	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27530	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson Technical CC	1-3	004845	Wilson	Wilson 27893	02
Wingate College	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	05

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1980 census.

Bibliography

Collier, Douglas J. Program Classification Structure: Second Edition. Technical Report 106. Boulder: National Center for Higher Education Management Systems, 1978.

Dahnke, Harold L.; Jones, Dennis P.; Mason, Thomas R.; and Romney, Leonard C. Higher Education Facilities Planning and Management Manuals. Boulder: Western Interstate Commission for Higher Education, 1971.

National Center for Educational Statistics, U. S. Office of Education. Inventory of Physical Facilities in Institutions of Higher Education, Fall 1974. Washington, D. C.: Government Printing Office, 1977.

National Center for Education Statistics and the State Higher Education Executive Officers. Postsecondary Education Facilities Inventory and Classification Manual. 1992.

State Commission on Higher Education Facilities. Facilities Inventory and Utilization Manual, 4th ed. Raleigh: UNC-General Administration, 1979.

The University of North Carolina. Statistical Abstract of Higher Education in North Carolina, 1992-93. Chapel Hill, N. C.: UNC-General Administration, 1993.

U. S. Office of Education. Federal Support for Higher Education Construction: Current Programs and Future Needs. Washington, D. C.: Government Printing Office, 1969.

U. S. Office of Education. Facilities Inventory and Classification Manual, 1973. Washington, D. C.: Government Printing Office, 1974.

Wheeler, Charles L., "Facilities Analysis: A Tool in Strategic Planning," in Using Research for Strategic Planning, New Directions for Institutional Research, no. 37, ed. by N. P. Uhl. San Francisco: Josey-Bass, 1983.

Wolfsberg, Rolf M. and Richard J. Petersen, The Impact of Section 504 of the Rehabilitation Act of 1973 on American Colleges and Universities: Technical Report. Washington, D. C.: Government Printing Office, 1979.

Index

Academic administration (subprogram), 102, 104-107, 184-187
Academic computing support (subprogram), 102, 104-107, 184-187
Academic facilities, 17, 20-23
  per FTE student, 18-23
Academic personnel development (subprogram), 103-107, 184-187
Academic support:
  program, 87, 89-91, 176-177
  subprograms, 102-107, 184-187
Accessibility of facilities to mobility impaired, 169-173, 175-197
Addresses, institutional, 198-200
Administrative computing support (subprogram), 112, 114-115, 190-191
Age of buildings, 152-155
Ancillary support (subprogram), 102, 104-107, 184-187
Assignable square feet, 81-85, 170-173
  distribution among programs, 86-115
  distribution among room codes, 117-123
  per student station, 65-67, 124-129
  to gross square feet (ratio), 81-85
Assignable square feet of academic facilities: See "Academic facilities"
Average weekly room hours of instruction:
  in classrooms, 24-29, 62, 65
  in class labs, 30-35, 63, 65
Average weekly use of student stations:
  in classrooms, 36-41, 65
  in class labs, 42-47, 65

Building cost, 142-151
Building maintenance (subprogram), 109-111, 188-189
Buildings:
  age of, 152-155
  condition of, 156-159, 161-165
  number of, 144-151

Capacity/enrollment ratio, 9-15
Class laboratories:
  number of, 132-135
  stations in, 130-135
  utilization, 30-35, 42-47, 48-53, 55-61, 63, 65
Classrooms:
  accessibility to mobility impaired, 194, 196
  number of, 126-129
  space, 117, 120, 122
  stations in, 124-129
  utilization, 24-29, 36-41, 48-53, 55-58, 60-62, 65

Clock hours: See "Student clock hours"
Community services (subprogram), 95, 97, 99-101, 179, 181, 182-183
Condition of buildings, 156-159, 161-165
Conference rooms, 66-67
Construction costs, 142-143
Cooperative extension services (subprogram), 95, 97, 99, 100, 179, 181-182
Cost:
  of construction, 142-151
  to renovate or replace, 161-165
Counseling & career guidance (subprogram), 108, 110-111, 188-189
Course & curriculum development (subprogram), 103-107, 184-187
Custodial services (subprogram), 109-111, 188-189

Daytime instruction, 24, 36, 42
  in classrooms, 25-29, 38-41
  in class labs, 31-35, 44-47
Dining areas, 67
Direct patient care (subprogram), 94, 97, 99, 179, 181

Educational media services (subprogram), 102, 104-107, 184-187
Enrollments:
  headcount, 70
  full-time equivalent (FTE), 18, 20-23, 69-77
Estimated replacement cost: See "Replacement value"
Executive management (subprogram), 112, 114-115, 190-191
Extension services: See "Cooperative extension services"

Faculty & staff auxiliary services (subprogram), 112, 114-115, 190-191
Financial aid administration (subprogram), 108, 110-111, 188-189
Financial management & operations (subprogram), 112, 114-115, 190-191
Food facilities, 67
Full-time equivalent (FTE) enrollment, 18, 20-23, 69-77

General academic instruction (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183
General administration & logistical services (subprogram), 112, 114-115, 190-191
General studies, nondegree (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183

General use facilities, 67, 117-119, 121, 123, 195, 197
Gross square feet, 81-85, 144-151

Headcount enrollments, 70
Health care supportive services (subprogram), 94, 97, 99, 179, 181
Home & family life instruction, nondegree (subprogram), 94, 96, 98, 100-101, 178, 180, 182-183
High school enrollments, 4-5, 21

Independent operations:
program, 88-91, 176-177
subprograms, 113-115, 190-191
Independent operations/external agencies (subprogram), 113-115, 190-191
Independent operations/institutional (subprogram), 113-114, 190
Individual or project research (subprogram), 94, 97, 99, 179, 181
Institutes & research centers (subprogram), 94, 97, 99, 179, 181
Institutional administration:
program, 87, 89-91, 176-177
subprograms, 112-115, 190-191
Instruction:
program, 87, 89-91, 176-177
subprograms, 93-94, 96, 98, 100-101, 178, 180, 182-183
Instructional & library space, 9, 12-15
Intercollegiate athletics (subprogram), 108, 110-111, 188-189

Laboratories, 117-120, 122, 194, 196
See also "Class laboratories"
Landscape & ground maintenance (subprogram), 109-111, 188-189
Libraries, 65-66
Library services (subprogram), 102, 104-107, 184-187
Limitations and special situations, 4-5
Lounges, 67

Major repairs & renovations (subprogram), 109
Medical care facilities, 117-119, 121, 123, 195, 197
Medical schools, 2, 4, 21
Museums & galleries (subprogram), 102, 104-107, 184-187

Net-to-gross ratio, 81-85
Nighttime instruction, 24, 36, 42
in classrooms, 25-29, 38-41
in class labs, 31-35

Occupation-related instruction, nondegree (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183
Offices, 66, 118-120, 122, 194, 196
Ownership of buildings, 139-141

Parking decks, 81
Percent student station utilization, 48-53, 62-63
Personal interest & leisure instruction, nondegree (subprogram), 94, 96, 98, 100-101, 178, 180, 182-183
Physical plant administration (subprogram), 109-111, 188-189
Physical plant operations:
program, 87, 89-91, 176-177
subprograms, 109-111, 188-189
Potential student hours of instruction, 48
Program classification structure, 86-88, 93-95, 102-103, 108-109, 112-113
Public broadcasting services (subprogram), 95, 97, 99, 101, 179, 181, 183
Public relations/development (subprogram), 112, 114-115, 190-191
Public service:
program, 87, 89-91, 176-177
subprograms, 94-95, 97, 99-101, 179, 181-183

Recreation facilities, 67
Renovations, 81, 161-165
Replacement value, 142-151
Requisite preparatory/remedial instruction (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183
Research:
program, 87, 89-91, 176-177
subprograms, 94, 97, 99, 179, 181
Residential facilities, 67, 117-119, 121, 123, 195, 197
Room codes, 118
Room hours of instruction, total:
in classrooms, 24, 26-29, 62
in class labs, 30, 32-35, 63

Secondary level enrollments, 4-5, 21
Section 504 of the Rehabilitation Act of 1973, 169, 175, 193
Social & cultural development (subprogram), 108, 110-111, 188-189
Social roles/interaction instruction, nondegree (subprogram), 93-94, 96, 98, 100-101, 178, 180, 182-183
Space criteria, 64-67
Space factors, 58-63

Special use facilities, 117-119, 121, 123, 195, 197
Square feet: See "Assignable square feet," "Gross square feet"
Stations: See "Student stations"
Student auxiliary services (subprogram), 108, 110-111, 188-189
Student clock hours, 10, 12-15, 55-57
Student financial support, 88
Student health/medical services (subprogram), 108-111, 188-189
Student records (subprogram), 113-115, 190-191
Student recruitment & admissions (subprogram), 112, 114-115, 190-191
Student service:
  program, 87, 89-91, 176-177
  subprograms, 108-111, 188-189
Student service administration (subprogram), 108, 110-111, 188-189
Student stations, 36-41, 42-47, 126-129, 132-135
  assignable square feet per, 65-67, 124-129, 130-135
  occupancy, 36-41, 42-47, 48-53
Study facilities, 117-120, 122, 194, 196
Supporting facilities, 117-119, 121, 123, 195, 197

Unassigned space:
  program, 88-91, 176-177
  subprogram, 113-115, 190-191
Unclassified space, 117-119, 121, 123, 195, 197
Utilities (subprogram), 109-110, 188

Vocational/technical instruction (subprogram), 93, 96, 98, 100-101, 178, 180, 182-183